

STATE OF NEW YORK
CONSERVATION DEPARTMENT
WATER RESOURCES COMMISSION

**CHLORIDE CONCENTRATION AND TEMPERATURE
OF THE WATERS OF NASSAU COUNTY,
LONG ISLAND, NEW YORK**

By
F.A. DeLuca, J.F. Hoffman, and E.R. Lubke
U.S. Geological Survey



Prepared by the
U. S. GEOLOGICAL SURVEY
in cooperation with the
NEW YORK WATER RESOURCES COMMISSION
and the
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

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INTRODUCTION

Nassau County comprises an area of about 274 square miles in western Long Island (fig. 1). It is bounded on the east by Suffolk County, on the west by Queens County, on the north by Long Island Sound, and on the south by the Atlantic Ocean. The U. S. Geological Survey in cooperation with the New York State Water Resources Commission and the Nassau County Department of Public Works has carried on monitoring and investigatory programs on the water resources of Nassau County since 1932. Chloride and temperature determinations are important aspects of the hydrologic monitoring program in Nassau County. The purpose of this report is to present a summary of these basic data to supplement interpretative reports which have been published or are in preparation.

The chloride and temperature measurements in this report include most published and unpublished data from about 1895 to 1962. Tables 1 and 3 summarize the ranges of temperature and chloride content of water from wells and streams sampled more than once; however, selected single determinations also have been included in those tables to provide a better representation of early conditions and a better areal coverage. Some individual temperature measurements and chloride concentrations for sites sampled periodically are presented in tables 2 and 4.

Additional data on water temperature and chloride content are on file at the U. S. Geological Survey office at Mineola, New York.

Chloride analyses were made by the U. S. Geological Survey; Nassau County Department of Health; Nassau County Department of Public Works; New York State Department of Health; and the City of New York Department of Water Supply, Gas and Electricity. Most temperature measurements were made by the U. S. Geological Survey with laboratory-type mercury thermometers calibrated directly to the nearest tenth of a degree.

The principal water-bearing units in Nassau County are the upper Pleistocene deposits and Jameco Gravel of Pleistocene age and the Magothy(?) Formation and the Lloyd Sand Member of the Raritan Formation of Late Cretaceous age. Deposits of Recent age are largely restricted to the coastal areas and are a minor source of water, owing to their thinness and the high chloride content of the water that they contain in most places. Detailed descriptions of the geology and hydrology of these units and the extent of sea-water encroachment in Nassau County are given in reports by Perlmutter and Geraghty (1963), Swarzenski (1963), Luszczynski and Swarzenski (1965), Isbister (1964), and Veatch and others (1906). Records of wells are given in Leggette and others (1938), Roberts and Brashears (1946), and Johnson and others (1958).

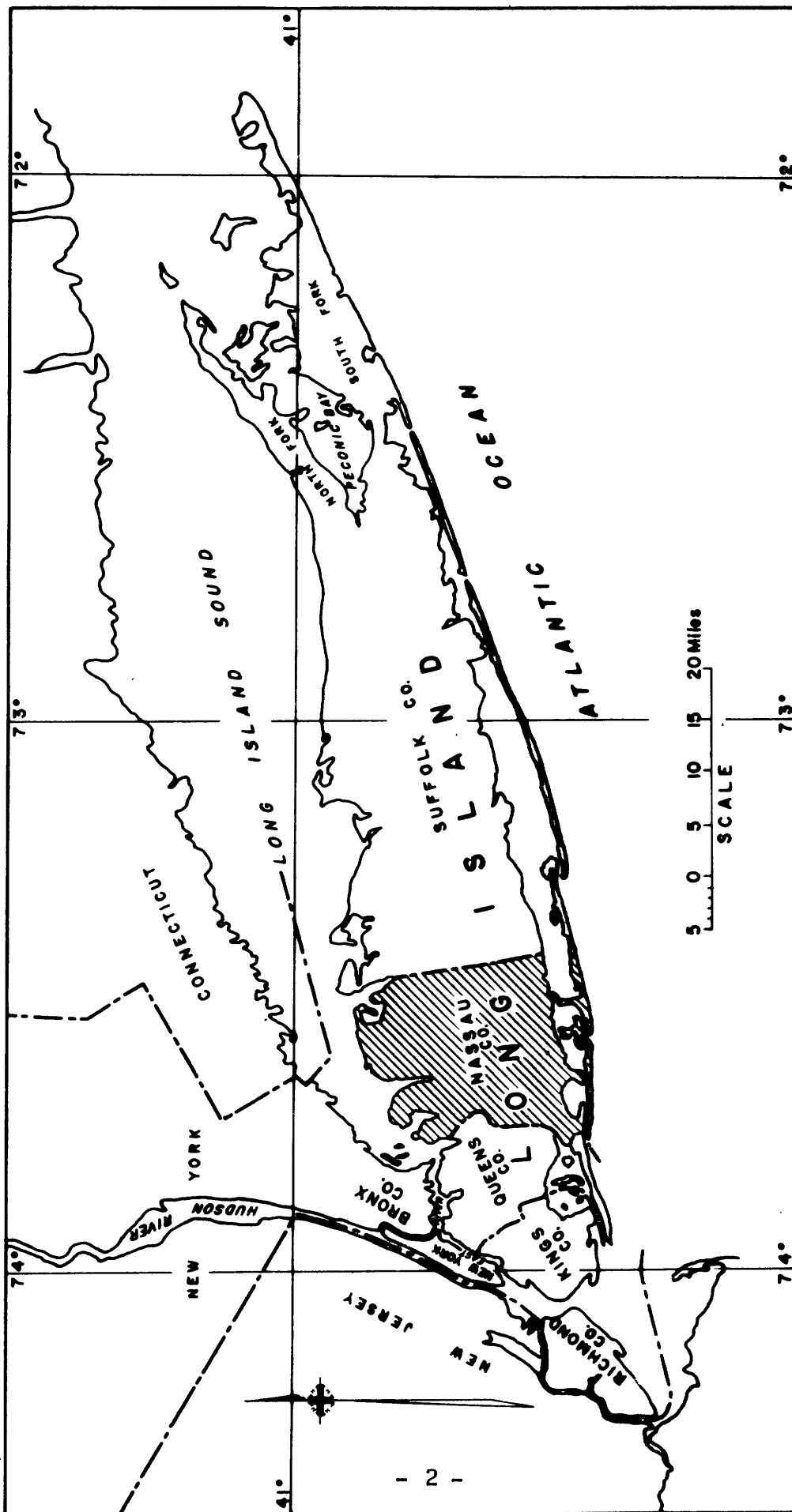


Figure 1.--Map of Long Island showing location of Nassau County.

Plate 1 shows the location of wells and surface-water bodies for which either chloride or temperature determinations, or both, are presented. Map coordinates of each well and surface-water sampling site are shown in tables 1 and 3 by the letter and number of the grid square within which the well or site is shown on plate 1.

About 6,200 chloride determinations from 540 wells, and about 3,150 temperature determinations from 380 wells are given in tables 1 and 2. Water samples were collected from observation, public-supply, and industrial wells. The water-bearing rock unit tapped by each well is shown in the geologic source column of table 1. The wells are listed serially by the official New York State well number (N1, N10, etc.). These numbers indicate approximately the chronological order in which the wells were drilled. The prefix "N" is omitted for convenience from the well numbers shown on plate 1.

Tables 3 and 4 list 48 chloride determinations and about 1,200 temperature determinations from 48 sites on streams and ponds. Stream samples are prefixed by "NS" and are numbered serially. Miscellaneous chloride and temperature measurements were made at surface-water sites NS1 - NS38. Surface-water temperatures are monitored monthly at sites NS39 - NS48.

CHLORIDE CONCENTRATION

In the ground waters sampled, chloride concentrations ranged from about 2 to 9,200 ppm (parts per million) in the upper Pleistocene deposits, 2 to 12,900 ppm in the Jamco Gravel, about 1 to 16,700 ppm in the Magothy(?) Formation, and about 1 to 2,800 in the Lloyd Sand Member of the Raritan Formation. Most of the chloride concentrations listed in the tables are less than 10 ppm and represent uncontaminated water. Concentrations in excess of this amount generally are attributed to one or more of five principal sources of contamination: (1) sea water, (2) fertilizer, (3) domestic wastes, (4) industrial wastes, and (5) road salting.

Chloride concentrations in the streams generally ranged from about 5 to 25 ppm. Samples from estuaries and bays contain several hundred to about 16,000 ppm of chloride. A sample of Atlantic Ocean water collected south of Long Beach (pl. 1, A-5) had a chloride concentration of about 17,000 ppm.

The U. S. Public Health Service (1962) recommends that chloride in drinking water should not exceed 250 ppm if other more suitable water supplies are available. Larger amounts of chlorides -- as much as 500 ppm -- in drinking water may not be harmful, but the water may taste salty if concentrations are in excess of 250 ppm.

Sea-water contamination of Nassau County's ground water is restricted to the near-shore areas in the southern and northern parts of the county. Part of the salty water occurs naturally, part is due to pumping of wells, which draws in tongues or wedges of salty ground water, and part is due to inundation of low-lying shoreline areas during extraordinary high tides. Some scattered high chloride concentrations (as high as 2,500 ppm) in the ground water of northwestern Nassau County are due to contamination resulting from the intermittent use of salty bay water in washing sand and gravel for commercial use. (Swarzenski, 1963, p. 51.)

At Port Washington (northern Nassau County, pl. 1), salt-water encroachment in the Jameco Gravel was first detected in 1944. After shut-down of most of the deep wells and curtailment of pumpage from the remaining wells about 1955, the chloride content gradually decreased. In the same general area part of the shallow deposits is contaminated by salty bay water used for washing sand and gravel. On the east side of the Port Washington area near Bar Beach brackish water from sand- and gravel-washing operations has contaminated both the shallow and the deep deposits.

In southwestern Nassau County the landward limit of the main wedge of salty water in the Pleistocene deposits and the Magothy(?) Formation trends irregularly northwest from about a mile or two east of Lido Beach to Woodmere at the Queens County line (Luszczynski and Swarzenski, 1965). The position of this salt-water front is moving slowly inland due to pumping. The present rate of advance of the front is probably less than 10-20 feet per year regionally, but locally, near pumping wells, it may be as much as several hundred feet per year (Perlmutter and Geraghty, 1963, p. 103-107 and Luszczynski and Swarzenski, 1965).

The use of fertilizers prior to the year 1945, when much of Nassau County was farmed, has caused some small increases locally in the chloride content of the ground water. At the present time, the use of fertilizers is generally limited to lawns, but the residual effects of their former use is still apparent in some areas.

Domestic wastes are discharged in many parts of Nassau County through cesspools, septic tanks, or leaching beds. Ground water in the immediate vicinity of such installations commonly contains above-normal concentrations of chloride derived from human wastes. The contamination from this source is greatest in the upper Pleistocene deposits beneath densely populated residential areas.

Possible sources of chloride contamination by industrial wastes in Nassau County include brine from ice plants, meat-packing and food-processing plants, and salts from electroplating operations. The disposal of such waste waters through recharge basins and wells may cause some increase locally in the chloride content of the ground water.

Calcium chloride and sodium chloride are used on some roads and highways in Nassau County for ice control in the winter and dust control in the summer. Chloride concentrations in the ground water near treated roads may be high temporarily, but they decrease rapidly away from the treated areas due to dilution from recharge and diffusion. Above-normal chloride concentrations may occur also in ground water in the vicinity of recharge basins that receive storm and melt water from roads which have been salted.

WATER TEMPERATURE

The temperature of ground water to a depth of about 200 feet below land surface is generally about 3° to 6°F above the average annual air temperature (Collins, 1925, p. 98). Below about 200 feet the temperature of the ground water increases about 1°F for each 60 to 100 feet of depth.

Natural ground-water temperatures in Nassau County generally range from about 50°F in the upper Pleistocene deposits to about 70°F in the Lloyd Sand Member. Ground water is commonly used in cooling and air-conditioning systems in Nassau County because of its ready availability, low cost and relatively constant temperature.

The New York State Water Resources Commission requires that water pumped for air-conditioning systems at a rate in excess of 45 gpm (gallons per minute) be returned to the source aquifer, to conserve the quantity of available ground water. In some places this may reduce the usefulness of the water for further cooling purposes. No widespread thermal pollution has been detected to date but high water temperatures have been reported locally at scattered wells in commercial areas where supply wells and recharge wells are relatively closely spaced and are screened at about the same depths.

Surface water is not generally used for cooling because of its large variation in temperature. Surface-water temperatures fluctuate over a wide range diurnally and seasonally because of variations in air temperature and radiation from the sun. The average monthly temperature of surface water can be expected to be within a few degrees of the average monthly air temperature when the air temperature is above freezing.

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Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Map coordinates:	Letter and number of grid square shown on plate 1.	Use:
Owner:	Cit. WSC, Citizens Water Supply Company;	A, abandoned; C, cooling or air conditioning;
	Comm., Commission; Jam. WSC, Jamaica	D, domestic or institutional; Dif, diffusion
	Water Supply Company; NCDPW, Nassau	or recharge; G, general; Ind, industrial;
	County Department of Public Works;	Irr, irrigation; O, observation; PS, public
	NYCBWS, New York City Board of Water	supply; T, test well; U, unused.
	Supply; NYCDWSG&E, New York City	Screened depth: Feet below land surface.
	Department of Water Supply, Gas and	Geologic source: J, Jameco Gravel; L, Lloyd Sand
	Electricity; NYWSD, New York Water	Member of Raritan Formation;
	Service Division of Utilities and	M, Magothy(?) Formation; P,
	Industries Corporation; USGS, United	Pleistocene deposits undiffer-
	States Geological Survey; Vil., Village;	entiated; R, clay member of
	WD, Water District.	Raritan Formation; Re, Recent
		deposits; uP, upper Pleistocene
		deposits.

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							Period of record (years)	No. of samples	Highest of record		Period of record (years)	No. of samples	Highest of record	
									Chloride (ppm)	Date			Temperature (°F)	Date
N1	B-5	Oederhurst	Knickerbocker Ice Co.	--	51	UP	1933	2	55	May 10, 1933	June 13, 1933	--	94.7	May 22, 1962
N10	C-5	Elmont	Jan. WSC	PS	302-399	M	1933-62	30	16	Jan. 11, 1955	Feb. 27, 1955	1	53.8	May 22, 1962
N11	C-5	do.	do.	PS	375-409	M	1941-61	21	13	Mar. 4, 1952	Mar. 10, 1947	1	51.3	Mar. 28, 1938
N12	C-5	do.	do.	PS	362-422	M	1940-59	12	6.5	June 15, 1959	1940	2	54.8	May 22, 1962
N13	C-5	do.	do.	PS	293-283	M	1941-51	22	18	Feb. 15, 1953	1962	1	54.8	May 22, 1962
N14	C-5	New Hyde Park	do.	PS	71-107	UP	1941-61	13	23	Sept. 15, 1953	1942	1	59.7	May 22, 1962
N15	C-5	do.	Premium Ice Co.	Ind	77-102	UP	1938-61	13	18	June 15, 1961	1961	1	54.5	May 22, 1962
N16	C-5	do.	do.	PS	378-438	M	1938-61	18	23	Apr. 15, 1961	1938	15	54.5	Jan. 24, 1940
N17	C-5	do.	Jan. WSC	PS	405-465	M	1940-62	19	18	June 15, 1961	1962	1	57.3	May 22, 1962
N21	D-5	Great Neck	Cit. WSC	PS	444	L	1947-62	2	14	July 6, 1949	1947	1	57.3	July 27, 1962
N22	D-5	do.	do.	PS	136-146	M	1947-62	5	12	July 6, 1949	1947	1	57.3	July 27, 1962
N23	D-5	do.	do.	PS	104-134	L	1937-62	23	12	Mar. 31, 1938	1938	3	54.3	May 22, 1962
N24	D-5	Manhasset	Manhasset-Lakeville WD	PS	359-419	L	1938-62	23	11	Jan. 11, 1956	1938	6	56.7	May 22, 1962
N27	D-5	Plandome	Manhasset Theater	Ind	211-222	UP	1934-62	2	11	Jan. 11, 1956	1934	3	56.7	May 22, 1962
N28	D-5	do.	Vil. of Plandome	PS	111-136	UP	1939-62	9	8.0	Apr. 21, 1960	1939	3	52.9	May 22, 1962
N29	D-5	do.	do.	PS	164-204	UP	1939-62	10	5.8	Sept. 14, 1956	1962	4	52.5	May 22, 1962
N30	D-5	Kings Point	Cit. WSC	PS	173-233	J	1939-62	9	10	Sept. 23, 1957	1940	2	54.6	Sept. 24, 1940
N31	D-5	Port Washington	do.	PS	207-257	J	1939-62	9	10	July 6, 1949	1939	2	53.6	Oct. 27, 1939
N32	E-5	do.	Port Washington WD	PS	239-340	L	1940-49	23	30	June 20, 1939	1938-40	9	54.8	June 23, 1938
N33	E-5	do.	do.	PS	257-357	L	1940-49	23	1, 150	Dec. 27, 1945	1940-48	2	54.3	Sept. 24, 1940
N36	E-5	Sands Point	Vil. of Sands Point	PS	200-214	J	1940-62	10	12	Jan. 15, 1946	1950-62	3	52.4	July 25, 1962
N37	E-2	Long Beach	City of Long Beach	PS	1300	L	1938-51	55	14	July 7, 1949	1938-62	2	52.0	July 25, 1962
N40	B-6	do.	do.	PS	1195-1255	L	1937-62	90	34	Aug. 3, 1938	1937-62	53	71.4	July 25, 1962
N42	B-5	do.	do.	PS	550-608	M	1934-55	31	10	Mar. 27, 1962	1936-54	36	70.7	Aug. 3, 1938
N43	B-5	do.	do.	PS	1144-1184	L	1938-62	31	10	Aug. 22, 1932	1936-62	31	69.8	Sept. 3, 1954
N45	B-5	do.	do.	PS	193-1263	L	1934-62	70	10	Aug. 22, 1932	1936-62	42	70.0	June 16, 1948
N46	B-5	do.	do.	PS	195-1265	L	1934-62	71	10	Aug. 22, 1932	1936-62	42	69.0	July 25, 1962
N48	B-6	Lido Beach	Channel Management Corp.	PS	1042-1122	L	1937-61	60	8	June 14, 1949	1938-62	40	70.5	Aug. 22, 1947
N49	B-6	do.	Vil. of Rockville Centre	PS	1200-1260	M	1937-61	26	7	Oct. 2, 1944	1938-62	20	62.3	Aug. 25, 1947
N50	B-6	do.	do.	PS	449-520	M	1938-54	29	8	Dec. 2, 1949	1932-53	19	62.0	Sept. 26, 1932
N52	B-6	do.	do.	PS	304-330	M	1938-53	29	8	Oct. 2, 1949	1932-53	25	61.8	Aug. 30, 1951
N57	B-6	Freeport	Vil. of Freeport	C	454-539	M	1938-62	38	8	Oct. 2, 1953	1932-62	26	62.0	Sept. 26, 1932
N58	B-6	do.	do.	PS	1092	L	1946-62	32	8	Sept. 27, 1949	1946-62	21	63.7	Feb. 5, 1946
N59	B-6	do.	do.	PS	450-509	M	1940-62	34	8	Oct. 2, 1953	1942-62	23	59.9	Nov. 14, 1950
N72	C-6	Rockville Centre	Vil. of Rockville Centre	PS	444-494	M	1942-62	32	8	Dec. 5, 1949	1942-62	24	57.2	Sept. 8, 1952
N75	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens WD	PS	542-604	M	1943-62	10	15	Sept. 27, 1959	1962	1	55.0	July 17, 1962
N76	C-6	do.	do.	PS	133-181	M	1943-62	10	9.6	May 8, 1952	1962	1	55.0	July 17, 1962
N78	C-6	Hempstead	Vil. of Hempstead	PS	145-195	M	1943-61	10	7.1	June 30, 1952	1943	1	53.5	May 23, 1962
N79	C-6	do.	do.	PS	319-374	M	1943-61	5	10	July 15, 1952	1962	1	55.1	May 23, 1962
N80	C-6	do.	do.	PS	338-418	M	1935-62	12	9.5	July 15, 1952	1962	1	55.1	May 23, 1962
N81	C-6	do.	do.	PS	429-480	M	1952-62	8	6.8	Dec. 19, 1957	1962	1	55.1	May 23, 1962
N82	C-6	do.	do.	PS	360-412	M	1935-62	10	7.4	May 4, 1953	1962	1	55.1	May 23, 1962
N83	C-6	do.	do.	PS	534	M	1952-62	9	9.4	May 4, 1953	1962	1	55.1	May 23, 1962
N87	C-6	Garden City	Douglas Doran & Co., Inc.	Ind	261-321	L	1952-62	18	6	Apr. 15, 1941	1938-47	7	61.7	Jan. 6, 1939
N91	C-6	do.	Vil. of Garden City	PS	742-782	UP	1943-61	6	55	Aug. 26, 1959	1962	1	58.2	May 22, 1962
N93	C-6	do.	do.	PS	44-77	UP	1943-61	8	24	Mar. 21, 1955	1962	1	54.4	May 22, 1962
N94	C-6	do.	do.	PS	322-372	M	1943-61	7	10	Oct. 6, 1955	1962	1	55.6	May 22, 1962
N95	C-6	do.	do.	PS	474-534	M	1952-62	10	7.2	Oct. 7, 1957	1962	1	54.3	May 28, 1962
N97	C-6	Mineola	Vil. of Mineola	PS	310-369	M	1935-61	9	8.2	Oct. 7, 1957	1962	1	54.3	May 28, 1962
N98	C-6	do.	do.	PS	308-366	M	1942-62	10	10	June 15, 1960	1962	1	54.3	May 28, 1962
N101	D-6	Westbury	Westbury WD	PS	288-328	M	1943-61	10	7.2	Oct. 31, 1957	1962	1	54.2	May 28, 1962
N103	D-6	Williston Park	Vil. of Williston Park	PS	212-239	M	1943-61	6	7.6	Oct. 31, 1957	1962	1	54.2	May 28, 1962
N104	D-6	do.	do.	PS	326-376	M	1935-60	6	7.6	Oct. 31, 1957	1962	1	54.2	May 28, 1962

1/ Highest reliable concentration given, history of leaky casing.

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							No. of samples	Period of record (years)	Highest of record		No. of samples	Period of record (years)	Highest of record	
									Chloride (ppm)	Date			Temperature (°F)	Date
N105	D-6	Old Westbury	Vil. of Old Westbury	PS	412-452	M	8	1943-62	6.0	Oct. 16, 1957	4.2	Apr. 6, 1943	--	--
N107	D-6	do.	do.	PS	455-495	M	5	1935-62	5.4	Oct. 16, 1957	4.2	July 10, 1961	--	--
N109	D-6	Glenwood Landing	Jericho WD	U	432-442; 464-524	L	15	1935-47	3.9	Apr. 15, 1941	3.9	June 25, 1935	57.2	June 23, 1938
N111	D-6	do.	Long Island Lighting Co.	Ind	382-402	L	21	1937-47	8	Oct. 27, 1942	3.5	Nov. 7, 1938	55.5	Jan. 4, 1939
N113	E-6	Locust Valley	Paul G. Penneyer	D	441-456	L	23	1937-53	7.2	Sept. 12, 1946	3	Jan. 20, 1938	55.0	June 20, 1939
N115	E-6	do.	Locust Valley WD	PS	340-407	J	5	1932-62	5.0	Aug. 3, 1960	5.0	Feb. 26, 1952	53.0	Nov. 22, 1932
N116	E-6	do.	do.	PS	118-168	M	2	1938-39	7	Nov. 23, 1938	7	Jan. 4, 1939	--	--
N117	E-6	do.	do.	PS	143-155	M	1	1932	--	Nov. 23, 1932	--	--	--	--
N118	E-6	do.	do.	PS	412-471	L	4	1932-60	5.6	Aug. 22, 1957	5.6	Jan. 11, 1949	56.6	June 29, 1932
N119	E-6	do.	do.	PS	497-571	L	10	1938-60	11	July 21, 1954	5	Jan. 3, 1938	54.6	Oct. 27, 1938
N121	E-6	Lattingtown	Creek Club	Irr	149-171; 187-207	M	16	1937-46	10	Sept. 17, 1946	7	Jan. 20, 1938	--	--
N123	E-6	do.	George F. Baker, Jr.	D, Irr	304	L	23	1937-52	10	Apr. 14, 1941	4	Feb. 17, 1950	--	--
N124	E-6	do.	Creek Club	Ind	390	L	12	1938-52	16	Nov. 14, 1941	8	Oct. 27, 1938	55.1	Sept. 25, 1940
N128	B-7	Jones Beach State Park	Long Island State Park Comm.	G	886-926	M	17	1932-60	12	Sept. 9, 1959	7	Apr. 3, 1939	62.9	June 7, 1956
N129	B-7	Great Island	Formerly NYOBMS	PS	889-939	M	18	1935-60	12	Sept. 9, 1959	4.7	Nov. 10, 1953	62.5	Nov. 10, 1953
N131	B-7	Freepoint	Vil. of Freepoint	A	68	up	1	about 1910	3.5	about	--	Oct. 9, 1945	57.7	Aug. 22, 1947
N132	B-7	do.	do.	PS	169-230; 473-523	M	23	1935-55	2	Dec. 5, 1949	2	Oct. 9, 1945	53.9	Dec. 5, 1949
N133	B-7	do.	do.	PS	466-507	M	33	1940-62	7	July 18, 1950	2	Dec. 5, 1949	56.6	July 10, 1958
N134	B-7	do.	do.	PS	471-511	M	30	1942-62	9	Apr. 10, 1945	2	Oct. 9, 1945	53.2	Aug. 22, 1947
N138	C-7	Hicksville	do.	PS	467-517	M	34	1942-62	13	Dec. 31, 1952	2	Oct. 9, 1945	57.3	May 11, 1962
N149	D-7	do.	Hicksville WD	PS	133-153	M	5	1931-52	15	Jan. 8, 1952	5.8	Apr. 16, 1931	--	--
N150	D-7	do.	do.	PS	127	M	5	1933-57	17	Aug. 4, 1957	10	Sept. 21, 1933	--	--
N152	D-7	Old Westbury	Vil. of Old Westbury	PS	122-144	M	8	1935-62	6.2	Feb. 16, 1957	4.5	Feb. 26, 1935	--	--
N172	E-7	Mill Neck	Arthur B. Davis	D	434-478	L	1	1946	20	Sept. 5, 1946	4	Oct. 27, 1938	--	--
N174	E-7	Lattingtown	Myron C. Taylor	D, Irr	397	L	19	1938-44	12	Nov. 10, 1944	4	Sept. 26, 1939	55.0	Apr. 14, 1941
N176	E-7	Centre Island	S. R. Outerbridge	D, Irr	236	M	21	1934-44	7	Nov. 10, 1944	2	Oct. 27, 1938	--	--
N178	E-7	do.	Thurston Smith	D	356	L	2	1946-52	3.8	Feb. 29, 1952	3	Aug. 2, 1962	54.6	Aug. 2, 1962
N180	C-8	Seaford	NYOBMS	PS	762	M	5	1940-62	4.6	Dec. 15, 1941	3.4	Aug. 2, 1962	53.5	July 23, 1962
N198	D-8	Syosset	Jericho WD	PS	567-617	M	8	1932-61	5.4	July 11, 1957	2.4	May 9, 1960	52.0	Aug. 15, 1960
N199	D-8	do.	do.	PS	544-600	M	8	1932-62	10	Feb. 21, 1962	3.6	Dec. 7, 1961	52.3	Feb. 21, 1962
N202	E-7	Oyster Bay	Oyster Bay WD	PS	420	J	25	1932-53	9	Nov. 10, 1944	4	Mar. 23, 1938	52.3	Jan. 9, 1940
N204	E-7	Centre Island	Vil. of Centre Island	D, Irr	--	J	25	1937-52	4.1	Aug. 26, 1946	2	June 20, 1939	55.0	Mar. 29, 1939
N232	B-5	Hewlett	Formerly Queens County Water Co.	PS	155	J	1	1902	4.1	Sept. 17, 1902	--	--	--	--
N236	B-5	Lynbrook	do.	PS	504	M	1	1903	3.0	Feb. 25, 1903	--	--	--	--
N319	B-6	Long Beach	Formerly Long Beach Association	PS	270	M	1	about 1903	159	about	1903	--	--	--
N321	B-6	East Rockaway	do.	PS	383-386	up	1	about 1906	29	about	1906	--	--	--
N361	C-6	Garden City	Vil. of Garden City	PS	--	up	1	1922-55	22	Sept. 12, 1955	13	May 15, 1952	--	--
N420	E-6	Lattingtown	W. D. Guthrie	D	260-340	L	2	1946	9	Aug. 13, 1946	--	--	--	--
N423	E-6	do.	do.	D	260-265	M	1	about 1906	7.6	about	1906	--	--	--
N435	B-7	Freepoint	do.	PS	37	up	1	about 1895	110	about	1895	--	--	--
N473	E-7	Oyster Bay	T. Underhill	D	165	M	2	about 1906	7.6	about	1906	about 1906	59.0	about 1906
N490	E-7	do.	O. L. Jones	D	220	up	1	about 1906	4.2	about	1906	about 1906	57.0	about 1906
N491	E-7	do.	Mohannes' Casino	A	99	up	1	about 1906	7.9	about	1906	about 1906	58.0	about 1906
N492	E-7	do.	T. Underhill	D	107	up	1	about 1906	6.2	about	1906	about 1906	59.0	about 1906
N493	E-7	do.	Mr. Lee	D	136	up	1	about 1906	3.9	about	1906	about 1906	56.0	about 1906
N494	E-7	do.	Mr. Burgess	D	156	M	1	about 1906	4.8	about	1906	about 1906	56.0	about 1906
N496	E-7	do.	William Trotter	D	90	up	1	about 1906	6.2	about	1906	about 1906	56.0	about 1906
N498	E-7	do.	H. Gallardo	D	259	M	1	about 1906	6.0	about	1906	about 1906	56.0	about 1906
N501	E-7	Centre Island	Steen Eshay	D	--	L	3	1946-52	10	Aug. 22, 1946	4.2	Feb. 29, 1952	--	--
N502	E-7	do.	G. M. Fletcher	D	310	L	2	1946-50	10	Aug. 22, 1946	8	Mar. 7, 1950	--	--
N507	E-7	Bayville	C. W. Matthews	A	305-318	L	1	1946	3.2	Feb. 29, 1952	--	--	--	--
N511	E-7	Mill Neck	Dr. G. L. Jones Irving Cox	D	300-330	L	2	1948-61	3.8	Apr. 21, 1948	3.2	Jan. 11, 1961	55.5	Jan. 11, 1961

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							No. of samples	Period of record (years)	Highest of record Chloride (ppm)	Lowest of record Chloride (ppm)	Date	Temp- erature (°F)	Date	Lowest of record Temp- erature (°F)
N1274	C-7	Wantragh	NODPW	0	45	up	49	1942-62	12	15, 1953	Dec. 15, 1953	59.0	Oct. 12, 1955	46.0
N1275	B-7	do.	do.	0	13	up	80	1939-62	33	Feb. 20, 1951	Feb. 20, 1951	67.2	Oct. 12, 1955	42.4
N1276	B-7	do.	do.	0	44	up	50	1939-62	1,450	Nov. 1, 1939	Nov. 1, 1939	60.4	Oct. 12, 1955	50.0
N1277	B-7	do.	do.	0	71	up	46	1942-62	12	Dec. 1, 1953	Dec. 1, 1953	58.1	June 15, 1949	50.6
N1278	B-8	Massapequa	do.	0	14	up	80	1939-62	32	Mar. 1, 1945	Mar. 1, 1945	58.0	Sept. 11, 1948	46.3
N1279	B-8	do.	do.	0	45	up	80	1939-62	15	Jan. 27, 1945	Jan. 27, 1945	58.9	Oct. 11, 1957	49.7
N1280	C-8	do.	do.	0	14	up	70	1940-54	18	June 6, 1944	June 6, 1944	59.2	Oct. 12, 1955	49.5
N1281	C-8	do.	do.	0	46	up	75	1939-62	17	Dec. 6, 1944	Dec. 6, 1944	58.0	Oct. 12, 1955	49.7
N1282	B-7	Wantragh	do.	0	20	up	73	1939-54	8,180	Sept. 5, 1952	Sept. 5, 1952	57.8	Sept. 21, 1944	51.8
N1283	B-7	do.	do.	0	39	up	47	1942-54	9,210	Apr. 16, 1953	Apr. 16, 1953	56.9	Aug. 28, 1947	52.6
N1284	B-7	do.	do.	0	76	up	76	1939-57	13	Jan. 27, 1945	Jan. 27, 1945	58.4	Oct. 12, 1955	50.4
N1285	B-7	do.	do.	0	19	up	80	1939-57	37	Dec. 6, 1944	Dec. 6, 1944	58.4	Oct. 12, 1955	50.4
N1286	B-7	do.	do.	0	35	up	80	1942-57	19	Mar. 18, 1948	Mar. 18, 1948	59.2	Oct. 12, 1955	50.3
N1287	B-7	do.	do.	0	19	up	48	1939-54	32	July 7, 1954	July 7, 1954	62.2	Oct. 10, 1956	50.3
N1288	B-7	do.	do.	0	33	up	48	1939-54	9	Dec. 16, 1947	Dec. 16, 1947	62.2	Oct. 10, 1956	50.3
N1289	B-7	do.	do.	0	33	up	46	1942-54	8.5	Dec. 15, 1947	Dec. 15, 1947	58.5	Sept. 7, 1948	50.0
N1290	B-7	do.	do.	0	52	up	3	1948-57	30	July 13, 1948	July 13, 1948	58.5	Sept. 5, 1952	50.2
N1291	D-5	Port Washington	Beacon Theater	C	376-401	L	3	1932-52	9	June 10, 1945	June 10, 1945	52.0	Nov. 22, 1932	52.0
N1298	D-5	Great Neck	Cit. WSC	PS	286-336	L	1	1945	56	July 10, 1945	July 10, 1945	59.1	May 29, 1962	58.7
N1302	B-7	Merrick	NYCONS&E	A	652-743	L	8	1948-61	5.2	Sept. 11, 1941	Sept. 11, 1941	52.7	Aug. 20, 1947	52.7
N1328	D-5	Manhasset	Manhasset-Lakeville WD	PS	178-198	M	2	1941-55	13	Sept. 11, 1941	Sept. 11, 1941	52.7	Aug. 20, 1947	52.7
N1332	D-5	Lake Success	Glen Oaks Golf Club	G	175-196	M	38	1952-57	7	Apr. 11, 1953	Apr. 11, 1953	52.7	Aug. 20, 1947	52.7
N1379	B-5	Woodmere	Mill Road Pumping Station	PS	175-196	M	38	1952-57	7	Apr. 11, 1953	Apr. 11, 1953	52.7	Aug. 20, 1947	52.7
N1382	B-5	Woodmere	Long Island Water Corp.	0	172-192	J	3	1958-59	8	Aug. 16, 1958	Aug. 16, 1958	52.7	Aug. 20, 1947	52.7
N1420	C-6	Garden City	Vill. of Garden City	PS	790-865	L	2	1940-59	4	May 16, 1950	May 16, 1950	52.7	Aug. 20, 1947	52.7
N1421	B-5	Cedarhurst	NODPW	0	38	up	1	1953	28	Nov. 6, 1953	Nov. 6, 1953	52.7	Aug. 20, 1947	52.7
N1422	B-5	Lawrence	do.	0	29	up	2	1953	18	Nov. 6, 1953	Nov. 6, 1953	52.7	Aug. 20, 1947	52.7
N1482	E-5	Port Washington	do.	0	--	P	5	1946-56	65	Jan. 25, 1946	Jan. 25, 1946	52.7	Aug. 20, 1947	52.7
N1483	E-5	do.	do.	0	--	P	5	1946-56	145	Apr. 2, 1956	Apr. 2, 1956	52.7	Aug. 20, 1947	52.7
N1484	E-5	do.	do.	0	--	P	6	1946-56	145	Apr. 2, 1956	Apr. 2, 1956	52.7	Aug. 20, 1947	52.7
N1602	C-6	Lakeview	Long Island Water Corp.	PS	446-486	up	6	1940-60	7.0	June 10, 1959	June 10, 1959	56.1	July 7, 1955	56.1
N1603	C-6	do.	do.	PS	484-529	M	8	1952-62	6.0	Jan. 10, 1952	Jan. 10, 1952	56.2	July 18, 1962	56.2
N1618	D-5	Lake Success	Manhasset-Lakeville WD	PS	470-550	L	4	1942-57	36	Oct. 27, 1942	Oct. 27, 1942	58.6	May 29, 1962	58.6
N1625	C-5	Valley Stream	do.	0	37	up	1	1953	36	Nov. 9, 1953	Nov. 9, 1953	58.6	May 29, 1962	58.6
N1627	C-5	do.	do.	0	24	up	1	1953	36	Nov. 9, 1953	Nov. 9, 1953	58.6	May 29, 1962	58.6
N1628	B-5	Woodmere	do.	0	19	up	6	1951	32	June 30, 1951	June 30, 1951	58.6	May 29, 1962	58.6
N1651	E-6	Locust Valley	Locust Valley WD	PS	385-465	up	7	1951-53	32	May 5, 1951	May 5, 1951	58.6	May 29, 1962	58.6
N1653	C-6	Hempstead	Hempstead Tea Shop	C	20-23	L	6	1943	8.2	Aug. 12, 1957	Aug. 12, 1957	58.9	Aug. 15, 1960	58.9
N1658	C-8	Bethpage	Grumman Aircraft Engineering Corp.	Ind	61-87	M	4	1941-62	18	Aug. 25, 1944	Aug. 25, 1944	58.1	July 13, 1943	57.8
N1665	C-8	do.	do.	Ind	68-101	M	6	1944-62	17	Oct. 16, 1946	Oct. 16, 1946	58.1	July 13, 1943	57.8
N1666	C-8	do.	do.	Ind	74-99	M	3	1944-62	17	Oct. 16, 1946	Oct. 16, 1946	58.1	July 13, 1943	57.8
N1667	C-6	Westbury	Westbury WD	PS	207-237	M	9	1943-61	16	July 20, 1961	July 20, 1961	58.1	May 10, 1943	51.1
N1696	D-6	Mitchel Field	NODPW	PS	438-468	M	7	1952-60	6.9	Oct. 1, 1953	Oct. 1, 1953	58.0	May 22, 1958	58.0
N1697	C-6	Garden City	Vill. of Garden City	PS	478-518	M	13	1941-61	7.0	Nov. 23, 1957	Nov. 23, 1957	58.0	May 22, 1958	58.0
N1715	D-5	Port Washington	Port Washington WD	PS	430-480	L	30	1949-61	10	Oct. 23, 1957	Oct. 23, 1957	54.7	Sept. 14, 1956	54.7
N1716	D-5	do.	do.	PS	425-475	L	34	1941-61	11	Sept. 1, 1959	Sept. 1, 1959	54.2	May 31, 1962	54.2
N1771	D-5	Manhasset	Strathmore Realty Co.	Dif	130-160	up	1	1941	8	Oct. 20, 1941	Oct. 20, 1941	58.3	May 10, 1943	58.3
N1797	D-8	Bethpage	Grumman Aircraft Engineering Corp.	Ind	74-94	M	3	1944-62	17	Jan. 23, 1962	Jan. 23, 1962	58.3	May 10, 1943	58.3
N1798	D-8	do.	do.	C	80-105	M	3	1944-62	26	Oct. 14, 1946	Oct. 14, 1946	58.3	May 10, 1943	58.3
N1802	D-5	Lake Success	Sperry Gyroscope Co.	PS	641-691	L	11	1942-62	9	Apr. 7, 1950	Apr. 7, 1950	53.3	May 29, 1962	53.3
N1818	D-5	do.	do.	Ind	199-229	M	7	1952-61	7.8	Apr. 7, 1960	Apr. 7, 1960	53.3	May 29, 1962	53.3
N1859	D-8	Bethpage	Grumman Aircraft Engineering Corp.	Ind	128-164	M	2	1944-62	19	Jan. 23, 1962	Jan. 23, 1962	50.8	May 10, 1943	50.8
N1877	D-6	Roslyn	Enginering Corp.	PS	547-555	L	24	1937-51	10	Mar. 26, 1945	Mar. 26, 1945	56.5	Jan. 5, 1940	56.5
N1879	D-5	Great Neck	Cit. WSC	PS	464	L	1	1947	6.6	Jan. 15, 1947	Jan. 15, 1947	56.5	Jan. 5, 1940	56.5
N1911	D-8	Bethpage	Grumman Aircraft Engineering Corp.	G	133-163	M	2	1944-62	13	Jan. 23, 1962	Jan. 23, 1962	56.5	Jan. 5, 1940	56.5

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature							
							Period of record (years)	No. of samples	Highest of record		Lowest of record		Period of record (years)	No. of samples	Highest of record		Lowest of record	
									Chloride (ppm)	Date	Chloride (ppm)	Date			Temper- ature (°F)	Date	Temper- ature (°F)	Date
N1912	D-8	Bethpage	Grunman Aircraft Engineering Corp.	C	119-149	M	4	11	Jan. 23, 1962	5.6	Oct. 14, 1946	1943	2	51.5	July 13, 1943	51.1	May 10, 1943	
N1913	D-8	do.	do.	--	315	M	2	6.6	Oct. 14, 1946	6.2	July 25, 1944	--	--	--	--	--	--	
N1917	E-6	Glen Cove	Wah Chang Trading Corp.	Ind	286-306	M	5	6	Oct. 24, 1957	4.0	Oct. 10, 1945	--	--	--	--	--	--	
N1922	D-8	Bethpage	Grunman Aircraft Engineering Corp.	Ind	119-151	M	1	8.2	Jan. 23, 1962	--	--	--	--	--	--	--	--	
N1923	C-8	do.	do.	G	293-349	M	3	4.4	Jan. 9, 1962	3.2	Oct. 20, 1943	--	--	--	--	--	--	
N1926	D-4	Kings Point	U.S. Merchant Marine Academy	G	286-278	L	3	13	Oct. 18, 1957	5.8	Aug. 7, 1953	1957	1	55.0	Oct. 18, 1957	--	--	
N1927	B-6	Long Beach	City of Long Beach	PS	1199-1219	L	43	8.4	Sept. 2, 1943	2	Dec. 6, 1945	1944-59	29	69.4	June 1, 1951	67.0	Dec. 13, 1949	
N1937	C-8	Farmingdale	Vill. of Farmingdale	PS	116-155	M	8	11	Aug. 2, 1945	6.4	July 29, 1957	1962	2	52.1	July 18, 1962	51.4	Feb. 21, 1962	
N1958	C-5	New Hyde Park	Jam. WSC	PS	667-727	L	7	10	Oct. 23, 1961	3.8	Oct. 23, 1961	1962	1	59.8	May 22, 1962	--	--	
N1960	C-7	Bethpage	Grunman Aircraft Engineering Corp.	D, C	130-160	M	3	12	Jan. 9, 1962	6.6	Aug. 25, 1944	--	--	--	--	--	--	
N1961	D-8	do.	do.	Ind	213-263	M	1	8.2	Jan. 23, 1962	--	--	--	--	--	--	--	--	
N1963	D-7	do.	do.	Ind	97-127	M	1	14	Jan. 9, 1962	--	--	--	--	--	--	--	--	
N1965	C-8	Farmingdale	Liberty Aircraft Products Corp.	Ind	143-169	M	2	6.8	June 2, 1960	6.0	Feb. 5, 1962	--	--	--	--	--	--	
N2002	D-6	Glenwood Landing	Long Island Lighting Co.	Ind	436-467	L	7	10	Sept. 4, 1946	4.8	Apr. 16, 1948	1950-57	2	56.7	May 16, 1950	--	--	
N2008	D-5	North Hills	Manhasset-Lakeville WD	PS	425-485	M	7	7.8	May 1, 1956	4.4	Apr. 1, 1947	1962	1	51.9	May 29, 1962	--	--	
N2030	D-5	Port Washington	Port Washington WD	PS	190-215	M	26	16	Sept. 1, 1959	1.1	July 17, 1958	1956-62	3	56.7	Sept. 14, 1956	52.2	Apr. 30, 1957	
N2045	B-7	Freepoint	Nassau Boat Basin	D	112-122	M	2	7.5	Aug. 7, 1962	6	Mar. 23, 1961	--	--	--	--	--	--	
N2052	D-6	Port Washington	Port Washington WD	PS	275-325	M	26	11	Jan. 10, 1958	4.2	July 28, 1947	--	--	--	--	--	--	
N2066	D-8	Bethpage	Central Park WD	PS	121-153	M	1	9.4	Dec. 16, 1946	--	--	--	--	--	--	--	--	
N2071	E-6	Glen Cove	Appleby Estate	--	262	L	4	7.0	Apr. 16, 1956	3.4	Apr. 16, 1948	1950-57	3	55.8	Apr. 16, 1956	55.6	May 16, 1950	
N2072	D-7	Hicksville	Hicksville WD	PS	138-159	M	9	15	Dec. 31, 1946	5.2	Feb. 16, 1960	1962	1	52.8	July 20, 1962	--	--	
N2115	C-5	Elmont	Jam. WSC	PS	63-83	up	3	17	May 17, 1944	16	July 8, 1952	1962	1	58.2	May 22, 1962	--	--	
N2116	E-6	Dosoris Island	Junius Morgan	G	220	L	2	10	July 25, 1946	--	--	--	--	--	--	--	--	
N2117	E-6	do.	do.	D	226	--	1	10	Aug. 8, 1946	--	--	--	--	--	--	--	--	
N2120	E-6	Glen Cove	A. M. Loew	--	438	L	3	3.4	Mar. 3, 1952	--	--	--	--	--	--	--	--	
N2214	D-4	Great Neck	Cit. WSC	PS	236-286	L	3	7.4	Sept. 23, 1957	5.2	June 26, 1952	1962	1	55.2	July 27, 1962	--	--	
N2236	D-7	Westbury	Westbury WD	PS	520-565	M	9	8.8	Oct. 28, 1957	3.6	Nov. 9, 1961	1962	1	54.1	May 28, 1962	--	--	
N2239	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens WD	PS	138-178	M	10	29	June 24, 1952	11	Mar. 31, 1953	1962	1	54.4	July 17, 1962	--	--	
N2400	D-6	Roslyn	Roslyn WD	PS	399-439	M	2	6.6	Jan. 4, 1962	6.0	Feb. 18, 1960	1962	1	53.8	May 31, 1962	--	--	
N2402	C-7	Hicksville	Levitt and Sons, Inc.	PS	164-207	M	12	17	Mar. 12, 1957	12	Jan. 21, 1952	--	--	--	--	--	--	
N2403	C-7	do.	do.	PS	59-84	up	13	25	Oct. 9, 1951	15	Aug. 24, 1959	--	--	--	--	--	--	
N2413	C-5	Elmont	Jam. WSC	PS	478-508	M	2	4.2	July 8, 1952	3.8	Sept. 16, 1953	1962	1	57.8	May 22, 1962	--	--	
N2414	C-5	do.	do.	PS	69-89	up	4	15	Sept. 16, 1953	13	Mar. 10, 1952	1962	1	56.6	May 16, 1962	--	--	
N2424	D-6	Glenwood Landing	Long Island Lighting Co.	Ind	425-459	L	2	9	July 7, 1949	4.0	May 16, 1950	1950	1	54.6	May 16, 1950	--	--	
N2437	D-6	Williston Park	Vil. of Williston Park	PS	298-338	M	6	14	Jan. 1, 1962	10	July 19, 1954	1962	1	54.7	May 28, 1962	--	--	
N2565	C-6	Garden City Park	Garden City Park WD	PS	370-405	M	6	12	Feb. 20, 1956	11	July 17, 1952	1962	1	53.4	May 28, 1962	--	--	
N2578	C-5	Valley Stream	Long Island Water Corp.	PS	56-88	M	7	41	Aug. 25, 1960	15	May 1, 1952	1962	1	55.4	July 18, 1962	--	--	
N2580	C-7	Levittown	Bethpage Realty Corp.	PS	312-348	up, M	6	5.2	Nov. 9, 1954	3.4	Oct. 27, 1952	1962	1	52.4	July 17, 1962	--	--	
N2581	C-7	do.	do.	D	55-81	up	9	23	Aug. 17, 1949	7	Apr. 7, 1953	1948	1	51.0	Apr. 20, 1948	--	--	
N2582	C-7	do.	do.	D, C	52-79	up	1	18	Aug. 17, 1949	--	--	--	--	--	--	--	--	
N2592	B-5	Long Beach	City of Long Beach	PS	1175-1235	L	25	11	Aug. 20, 1959	3.8	Nov. 6, 1961	1949-62	15	69.9	Sept. 11, 1952	68.8	Sept. 21, 1949	
N2602	D-7	Westbury	Westbury WD	PS	760-800	L	11	9.5	July 20, 1961	3.0	Feb. 28, 1952	1957-62	3	59.8	May 28, 1962	59.0	Mar. 26, 1957	
N2603	C-8	Massapequa	NYSWD	PS	35-71	up	4	17	July 2, 1956	7.4	May 5, 1953	1962	1	53.5	July 17, 1962	--	--	
N2632	E-7	Centre Island	A. Simpson	D	111-113	up	9	9	Apr. 12, 1962	--	--	--	--	--	--	--	--	
N2747	C-6	Carle Place	Carle Place WD	PS	278-328	M	8	17	Feb. 27, 1961	3.5	Jan. 13, 1959	1962	1	53.5	May 22, 1962	--	--	
N2748	C-6	do.	do.	PS	276-326	M	4	12	June 24, 1954	3	June 16, 1960	1962	1	53.6	May 22, 1962	--	--	
N2790	B-6	Bay Park	USGS	O	538-560	M	53	19	Aug. 17, 1949	--	--	1951-62	20	59.2	Aug. 1, 1962	54.0	June 10, 1954	
N2791	C-7	Levittown	Levitt and Sons, Inc.	PS	59-90	M	1	10	Jan. 13, 1953	--	--	--	--	--	--	--	--	
N2921	B-6	Salisbury	Mr. Iversen	Ind	80-112	J	5	5	Aug. 16, 1960	50	Mar. 24, 1961	--	--	--	--	--	--	
N2923	C-7	Island Park	NCDPW	Ind	128-138	M	3	55	Aug. 11, 1962	50	Mar. 24, 1961	--	--	--	--	--	--	
N3078	B-6	Oceanside	Gulf Oil Corp.	Ind	122-163	M	4	15	July 25, 1957	14	Oct. 9, 1952	--	--	--	--	--	--	
N3142	D-8	Bethpage	Bethpage WD	U	192-233	M	4	9.0	July 25, 1957	6.2	Oct. 7, 1953	--	--	--	--	--	--	
N3147	D-8	do.	do.	U	192-233	M	4	9.0	July 25, 1957	6.2	Oct. 7, 1953	--	--	--	--	--	--	
N3185	C-6	Mineola	Vil. of Mineola	PS	423-463	M	10	21	Jan. 3, 1962	8	Jan. 15, 1952	--	--	--	--	--	--	

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							No. of samples	Period of record (years)	Highest of record Chloride (ppm)	Date	Lowest of record Chloride (ppm)	Date	Highest of record Temperature (°F)	Lowest of record Temperature (°F)
N3193	C-7	Levittown	Levitt and Sons, Inc.	PS, G	259-301	M	6	1949-58	12	Nov. 4, 1957	5.0	July 28, 1949	--	--
N3194	C-7	do.	do.	PS, G	219-255	M	12	1949-61	4.4	Jan. 21, 1952	3.0	Apr. 17, 1953	--	--
N3203	C-7	Salisbury	County of Nassau	Ind	248-298	M	2	1960-62	36	Sept. 16, 1961	4.2	Oct. 18, 1960	--	--
N3246	C-7	Lawrence	Willi Curman	U	116-120	J	5	1961-62	36	Sept. 16, 1961	20	Oct. 11, 1961	--	--
N3311	D-6	Port Washington	Colonial Sand and Stone Co., Inc.	Ind	193-205	M	3	1956-57	45	Oct. 1, 1957	8	Jan. 6, 1956	54.3	Sept. 14, 1956
N3312	C-7	Levittown	County Community Corp.	PS	252-304	M	9	1952-62	8	Feb. 21, 1962	4	Jan. 21, 1952	52.5	July 17, 1962
N3313	C-7	do.	do.	G	64-95	M	9	1952-62	18	Jan. 15, 1962	13	Mar. 31, 1953	--	Feb. 21, 1962
N3314	B-6	Lynbrook	New York Telephone Co.	Ind	72-78	up	1	1952	22	Sept. 30, 1952	--	--	--	--
N3327	C-5	Valley Stream	Long Island Water Corp.	PS	387-438	M	10	1952-61	7	Aug. 5, 1958	3	Jan. 18, 1952	--	--
N3355	D-8	Plainview	UGS	T	1070-1090	L	1	1951	4.5	June 25, 1951	--	--	--	--
N3427	C-8	Wentagh	NWSD	PS	126-161	M	5	1953-62	5.6	June 25, 1962	4.6	June 21, 1954	58.0	June 21, 1962
N3443	D-5	Great Neck	Cit. WSC	PS	423-463	L	5	1952-62	10	Mar. 24, 1960	6.2	June 20, 1951	52.7	July 17, 1962
N3448	B-5	Long Beach	City of Long Beach	PS	1193-1233	L	16	1950-62	10	May 17, 1950	8	June 1, 1951	53.9	July 27, 1962
N3496	C-7	East Meadow	East Meadow WD	PS	280-320	M	9	1952-61	17	Mar. 1, 1961	6.2	Apr. 28, 1952	69.8	June 1, 1951
N3497	C-7	do.	do.	PS	280-320	M	7	1952-61	5.4	Nov. 6, 1957	4.0	Mar. 23, 1953	54.4	July 17, 1962
N3498	E-5	Port Washington	Penn. Stevedoring Corp.	Ind	36-50	M	4	1954-57	800	Oct. 7, 1957	273	Nov. 29, 1954	65.6	Sept. 14, 1956
N3463	C-7	Wentagh	NWSD	PS	247-303	M	8	1952-62	16	Feb. 24, 1962	3.8	Apr. 10, 1952	52.8	July 17, 1962
N3465	C-7	East Meadow	East Meadow WD	PS	275-315	M	7	1952-61	8.4	Apr. 2, 1958	3.6	Apr. 28, 1952	53.8	July 17, 1962
N3474	C-7	Wheatley	Jericho WD	PS	452-512	M	7	1952-61	5.8	July 15, 1957	4.0	Mar. 16, 1954	50.4	Aug. 15, 1960
N3475	D-7	do.	do.	PS	432-482	up	7	1954-61	8	Feb. 21, 1962	4.6	Mar. 16, 1954	52.7	July 23, 1962
N3486	E-7	Oyster Bay	Oyster Bay WD	PS	72-105	M	3	1954-61	6.4	June 20, 1960	5.4	Nov. 30, 1961	54.5	Feb. 21, 1962
N3488	C-8	Hicksville	Hicksville WD	PS	115-168	M	10	1954-61	26	Aug. 31, 1960	16	July 3, 1950	54.4	July 20, 1962
N3498	B-7	Tobay Beach	Town of Oyster Bay	PS	318-338	M	1	1956	--	July 10, 1956	--	--	55.9	July 10, 1956
N3520	C-6	Lakeview	Long Island Water Corp.	PS	125-170	M	8	1951-61	8.0	Apr. 7, 1960	5.6	Aug. 16, 1951	53.4	July 18, 1962
N3523	D-5	Munsey Park	Manhasset-Lakeville WD	PS	290-320	up	4	1956-61	3,900	July 31, 1960	12	Dec. 2, 1952	53.5	May 29, 1962
N3529	B-6	Plandome	Lido Theater	C	93-104	P	7	1952-62	15	Apr. 3, 1962	12	Dec. 2, 1952	61.0	July 10, 1962
N3540	D-5	Plandome	Vil. of Plandome	PS	155-207	M	10	1952-62	18	Feb. 21, 1962	15	Sept. 8, 1952	53.2	May 29, 1962
N3552	C-7	Hicksville	Hicksville WD	PS	116-169	M	8	1950-62	16	Sept. 19, 1956	5.6	Sept. 28, 1950	54.9	July 20, 1962
N3553	C-7	do.	do.	PS	99-152	up	3	1954-61	6.4	June 20, 1960	4.6	June 28, 1954	55.9	July 20, 1962
N3561	E-7	Oyster Bay	Oyster Bay WD	PS	88-118	up	8	1952-59	20	June 26, 1957	13	June 2, 1954	53.3	July 17, 1962
N3564	C-8	Wentagh	NWSD	PS	28-69	up	5	1952-57	6.6	Dec. 17, 1957	3.6	Mar. 24, 1953	55.9	July 19, 1962
N3603	C-5	Franklin Square	Franklin Square WD	PS	443-493	M	5	1952-57	7.0	Dec. 17, 1957	4.4	Mar. 24, 1953	55.2	July 19, 1962
N3604	C-5	do.	do.	PS	438-498	M	5	1952-57	7.0	Dec. 17, 1957	4.4	Mar. 24, 1953	55.2	July 19, 1962
N3605	C-5	do.	do.	PS	400-440	M	3	1952-61	4.0	Apr. 10, 1958	3.6	Nov. 2, 1961	55.1	May 23, 1962
N3618	C-7	Levittown	Levitt and Sons, Inc.	PS	379-420	M	3	1958-61	4.8	Jan. 6, 1962	3.8	Mar. 31, 1955	53.0	May 23, 1962
N3668	C-6	Hempstead	Vil. of Hempstead	PS	407-447	M	9	1952-61	11	Jan. 8, 1962	4.2	May 22, 1956	53.2	May 29, 1962
N3672	D-5	Garden City Park	Garden City Park WD	PS	449-499	M	3	1952-61	10	Jan. 10, 1961	5.4	July 17, 1952	52.0	July 17, 1962
N3673	D-5	do.	do.	PS	388-428	M	4	1952-61	4.0	Jan. 10, 1961	3.6	Oct. 27, 1953	52.0	July 17, 1962
N3680	C-7	Wentagh	NWSD	PS	270-328	M	1	1953-61	20	Aug. 1, 1956	--	--	69.8	Nov. 20, 1951
N3681	C-6	Hempstead	New York Telephone Co.	Ind	40-56	up	1	1956	--	Aug. 14, 1953	3.6	Nov. 6, 1961	68.8	Nov. 20, 1951
N3687	B-6	Long Beach	City of Long Beach	PS	1195-1245	L	25	1951-62	10	Mar. 14, 1953	3.8	Feb. 11, 1960	58.0	Aug. 22, 1958
N3695	C-6	Mitchel Field	U.S. Government	PS	470-500	M	6	1952-60	6.0	Oct. 22, 1958	5.0	Oct. 28, 1958	58.0	Aug. 22, 1958
N3696	C-6	do.	do.	PS	413-443	M	6	1952-60	11	Oct. 2, 1957	3.8	Feb. 2, 1960	59.1	Aug. 22, 1958
N3697	C-6	do.	do.	PS	402-432	M	5	1952-60	7.2	Oct. 1, 1953	4.5	Feb. 2, 1960	59.1	Aug. 22, 1958
N3698	C-6	do.	do.	PS	442-472	M	5	1952-60	7.2	Oct. 1, 1953	5.0	Oct. 2, 1958	58.0	Aug. 22, 1958
N3704	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens WD	PS	107-160	up	8	1952-61	14	Oct. 21, 1959	8.4	Jan. 9, 1952	54.2	Aug. 22, 1958
N3707	B-5	Hewlett	NODPW	0	13	up	7	1951-53	24	May 5, 1951	12	Mar. 2, 1951	60.5	Nov. 9, 1953
N3708	B-5	Valley Stream	do.	--	18	up	8	1951-55	450	July 25, 1955	12	Mar. 2, 1951	57.8	Nov. 9, 1953
N3709	B-5	do.	do.	--	19	up	7	1951-55	4,200	Nov. 9, 1953	6	Mar. 2, 1951	57.8	Nov. 9, 1953
N3710	B-5	Woodmere	do.	--	18	up	6	1951-53	102	July 30, 1951	14	Mar. 31, 1951	59.8	July 25, 1955
N3711	B-5	Valley Stream	do.	--	18	up	6	1953	14	May 5, 1951	6	Aug. 19, 1955	61.5	Nov. 9, 1953
N3712	E-5	Port Washington	Port Washington Sewer District	U	36-46	up	2	1952-53	3,100	Mar. 9, 1953	2,900	Aug. 5, 1952	62.0	Nov. 9, 1953
N3720	C-5	Franklin Square	Jam. WSC	PS	476-516	M	3	1953-54	4.2	Apr. 20, 1953	3.8	Feb. 3, 1953	55.5	May 22, 1962
N3732	D-6	Albertson	Albertson WD	PS	310-350	M	6	1954-62	8.2	Jan. 30, 1962	5.2	Mar. 22, 1954	53.2	May 28, 1962
N3733	D-6	do.	do.	PS	410-450	M	7	1952-62	7.0	Feb. 14, 1955	4.8	May 8, 1959	54.7	May 28, 1962
N3734	B-5	Inwood	Peninsula Laundry	Ind	106-126	M	2	1961	56	Apr. 3, 1961	52	Sept. 28, 1961	56.8	Sept. 21, 1962
N3745	C-6	Rockville Centre	Vil. of Rockville Centre	PS	542-592	M	14	1952-62	12	Sept. 8, 1952	3.8	Nov. 10, 1953	55.5	Oct. 21, 1962
N3780	C-8	Levittown	NWSD	PS	89-142	M	--	--	--	--	--	--	--	--

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							Period of record (years)	No. of samples	Highest of record (ppm)	Date	Lowest of record (ppm)	Date	Highest of record (°F)	Lowest of record (°F)
N3781	C-5	Valley Stream	Long Island Water Corp.	PS	350-412	M	1953-62	7	5.6	Oct. 3, 1955	4.0	Apr. 27, 1953	55.3	July 18, 1962
N3782	C-5	do.	do.	PS	318-418	M	1954-61	3	5.4	Aug. 25, 1960	4.0	Sept. 13, 1954	55.8	July 18, 1962
N3783	C-6	Oceanside	Sun Oil Co.	PS	71-81	UP	1961	5	58	Mar. 30, 1961	--	--	55.8	July 18, 1962
N3784	C-6	do.	Long Island Water Corp.	PS	63.5-89.8	M	1952-62	70	16,700	May 18, 1953	15,200	May 13, 1953	60.0	Oct. 10, 1952
N3785	C-5	Roosevelt	do.	O	242-233	M	1952-62	59	4,308	Aug. 12, 1953	1,800	Nov. 24, 1952	57.0	Oct. 31, 1952
N3786	C-5	Cedarhurst	do.	O	163-171	M	1952-59	53	8	Apr. 18, 1953	2	Dec. 23, 1954	56.0	Oct. 24, 1952
N3787	C-5	Woodmere	do.	O	595-565	M	1952-60	48	8	Feb. 11, 1953	3.0	Nov. 20, 1952	56.0	Oct. 24, 1952
N3788	C-5	Oceanside	do.	O	450-412	M	1952-59	46	8	Oct. 15, 1953	3.0	Nov. 20, 1952	56.0	Oct. 24, 1952
N3789	C-5	Valley Stream	do.	O	506-512	M	1952-60	52	8	June 15, 1953	3.0	Nov. 20, 1952	56.0	Oct. 24, 1952
N3790	C-6	Bethpage	do.	O	328-298	M	1952-61	0	7.0	Oct. 1, 1952	1.6	May 23, 1952	56.0	Oct. 24, 1952
N3791	C-6	Hicksville	do.	O	375-308	M	1952-61	7	6.6	Nov. 20, 1957	3.6	Mar. 23, 1953	56.0	Oct. 24, 1952
N3792	C-7	Hicksville	do.	O	412-466	M	1953-61	2	10	Nov. 26, 1954	9.6	Mar. 23, 1953	56.0	Oct. 24, 1952
N3793	C-8	Garden City	Vil. of Garden City	PS	142-75	UP	1953-61	2	10	Nov. 26, 1954	9.6	Mar. 23, 1953	56.0	Oct. 24, 1952
N3794	C-8	Nassau Park	do.	PS	142-75	UP	1953-61	2	10	Nov. 26, 1954	9.6	Mar. 23, 1953	56.0	Oct. 24, 1952
N3795	C-6	Nassau Park	do.	PS	142-75	UP	1953-61	2	10	Nov. 26, 1954	9.6	Mar. 23, 1953	56.0	Oct. 24, 1952
N3796	C-6	Glen Cove	do.	PS	137-247	UP	1952-62	9	19	Feb. 21, 1962	1.7	July 7, 1954	56.0	Oct. 24, 1952
N3797	C-6	Levittown	do.	PS	284-247	M	1952-62	9	19	Feb. 21, 1962	1.7	July 7, 1954	56.0	Oct. 24, 1952
N3798	C-6	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3799	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3800	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3801	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3802	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3803	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3804	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3805	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3806	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3807	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3808	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3809	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3810	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3811	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3812	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3813	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3814	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3815	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3816	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3817	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3818	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3819	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3820	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3821	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3822	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3823	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3824	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3825	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3826	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3827	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3828	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3829	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3830	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3831	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3832	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3833	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3834	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3835	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3836	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3837	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3838	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3839	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3840	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3841	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3842	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3843	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3844	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3845	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3846	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3847	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3848	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3849	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3850	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3851	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3852	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3853	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3854	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3855	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3856	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3857	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3858	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3859	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3860	C-7	North Merrick	do.	PS	184-150	M	1953-62	4	5.0	Feb. 21, 1962	3.2	Nov. 4, 1953	56.0	Oct. 24, 1952
N3861	C-7	North Merrick	do.	PS	184-150									

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Chloride concentration										Water temperature							
Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Period of record (years)	No. of samples	Highest of record	Lowest of record		Period of record (years)	No. of samples	Highest of record		Lowest of record	
							Date	Chloride (ppm)	Date	Chloride (ppm)	Date			Temperature (°F)	Date	Temperature (°F)	
N4389	E-5	Sands Point	Vil. of Sands Point	PS	150-176; 208-224	P	1954-62	3	12	Jan. 11, 1956	10	Nov. 23, 1954	1	53.1	July 25, 1962	--	--
N4390	D-5	New Hyde Park	Jam. WSC	PS	84-105	up	1954-61	4	16	Sept. 15, 1959	9	June 1, 1954	1	55.2	May 22, 1962	--	--
N4393	B-5	Lynbrook	Long Island Water Corp.	PS	421-474	M	1954-61	5	4.8	Oct. 3, 1955	3.2	June 21, 1954	1	56.6	July 18, 1962	--	--
N4394	C-5	Malverne	do.	PS	132-175	M	1954	2	12	Aug. 2, 1954	11	July 7, 1954	--	--	--	--	
N4400	E-7	Oyster Bay	Oyster Bay WD	PS	164-252	up	1957-62	18	6.2	July 31, 1962	9.4	June 23, 1962	6	51.1	Feb. 21, 1962	--	--
N4405	C-5	Atlantic Beach	Long Island Water Corp.	PS	995-1065	L	1954-60	3	16	July 3, 1954	3.8	June 28, 1954	1	56.9	Aug. 18, 1962	64.0	June 1956
N4411	B-5	Lynbrook	do.	PS	480-550	M	1954-62	3	4.4	Aug. 4, 1954	6.0	June 24, 1961	1	53.7	July 17, 1962	--	--
N4425	C-6	Hempstead	Vil. of Hempstead	PS	325-365	M	1954-61	6	7.2	Dec. 19, 1957	4.4	Oct. 24, 1961	1	53.2	July 17, 1962	--	--
N4448	C-7	East Meadow	East Meadow WD	PS	280-330	M	1954-61	4	7.4	Oct. 17, 1961	3.2	Aug. 26, 1961	1	53.2	July 17, 1962	--	--
N4477	C-6	do.	do.	PS	500-550	M	1955-61	2	4.0	Feb. 23, 1955	3.8	Nov. 10, 1961	1	53.2	July 17, 1962	--	--
N4480	C-7	Levittown	Levittown WD	PS	415-466	M	1960-61	2	4.0	Feb. 3, 1960	5.2	June 26, 1954	1	52.7	July 17, 1962	--	--
N4481	C-7	do.	do.	PS	343-399	M	1960	1	7.0	May 3, 1960	--	--	1	56.6	May 22, 1962	--	--
N4461	C-8	Wantagh	NWMSD	PS	106-136	M	1954-59	5	4.6	June 26, 1959	--	--	1	57.8	Apr. 5, 1954	--	--
N4512	C-5	Valley Stream	Jam. WSC	PS	151-172	M	1954	1	4.6	Sept. 1, 1954	6	Apr. 5, 1954	1	56.6	May 22, 1962	--	--
N4545	B-7	Jones Beach	Long Island State Park	0	454-504 ?-167	M	1954	5	8	Feb. 3, 1954	--	--	1	57.8	Apr. 5, 1954	--	--
N4546	B-7	Great Island	Comm.	0	7-62	up	1954	6	12	Mar. 9, 1954	3.0	Apr. 5, 1954	1	57.0	Apr. 5, 1954	--	--
N4547	B-7	Jones Beach	do.	0	201-241	up	1954-60	3	4.2	Apr. 6, 1954	--	--	1	55.8	Oct. 19, 1960	--	--
N4548	B-6	Island Park	Nick DiBiase	D	67-70	M	1954	4	2,380	July 13, 1954	4.0	Oct. 18, 1961	1	52.5	July 17, 1962	--	--
N4588	C-8	Massapequa	Massapequa WD	PS	382-444	M	1957-61	4	5.4	Aug. 29, 1957	11	May 13, 1954	1	51.8	July 17, 1962	--	--
N4602	C-8	do.	do.	PS	112-184	M	1954-61	6	14	July 11, 1960	5	May 23, 1955	1	54.5	May 31, 1962	--	--
N4603	D-6	Roslyn Estates	Roslyn WD	PS	435-485	M	1955-62	4	6	Apr. 16, 1956	5	May 23, 1955	1	--	--	--	--
N4623	D-6	do.	do.	PS	149-169	M	1962	1	9.2	Jan. 30, 1962	--	--	1	--	--	--	--
N4708	D-7	Hicksville	Pittsburgh Plate Glass Co.	Ind	149-169	M	1962	1	9.2	Jan. 30, 1962	--	--	1	--	--	--	--
N4756	C-7	East Hempstead	Unifondate WD	PS	245-308	M	1956-61	5	4.8	Apr. 12, 1960	4.0	May 2, 1956	1	53.1	July 17, 1962	--	--
N4757	C-7	do.	do.	PS	267-319	M	1955-61	6	4.8	June 7, 1955	3.6	Nov. 7, 1957	1	54.9	July 17, 1962	--	--
N4758	C-7	do.	do.	PS	363-441	M	1955-61	7	5.2	Mar. 7, 1955	3.2	Oct. 23, 1961	1	53.1	July 17, 1962	--	--
N4759	C-7	do.	do.	PS	283-355	M	1956-61	5	4.6	May 9, 1956	3.2	Oct. 23, 1961	1	53.3	Sept. 14, 1956	54.0	May 31, 1962
N4859	E-5	Port Washington	Port Washington WD	PS	355-395	J	1955-61	22	96	Aug. 12, 1957	4.8	June 13, 1955	3	55.5	Oct. 9, 1957	53.5	Oct. 28, 1962
N4860	E-5	do.	do.	PS	60-90	up	1954-61	41	30	Oct. 15, 1960	5.0	Oct. 3, 1956	5	55.5	Oct. 9, 1957	53.5	Oct. 28, 1962
N5007	D-5	Westbury	Westbury WD	PS	210-260	M	1955-61	9	10	July 20, 1961	2.8	Nov. 3, 1961	2	60.8	May 1, 1956	54.4	May 29, 1962
N5099	D-7	Lake Success	Mahasset-Lakeville WD	PS	345-393	M	1956-62	3	5.8	May 1, 1956	5.2	Jan. 3, 1962	2	--	--	--	--
N5121	B-5	Lynbrook	Long Island Water Corp.	PS	481-542	M	1955-60	3	4.2	June 1, 1955	3.6	Aug. 28, 1960	1	55.2	July 18, 1962	--	--
N5145	C-5	Valley Stream	do.	PS	405-460	M	1955-62	4	6.5	Aug. 5, 1958	4.2	May 13, 1955	1	51.6	July 18, 1962	--	--
N5147	C-8	South Farmingdale	do.	PS	165-219	M	1957-61	4	21	Dec. 4, 1960	16	Sept. 13, 1957	1	--	--	--	--
N5148	C-8	do.	do.	PS	297-331	M	1957-61	3	5.4	July 9, 1956	4.2	Nov. 21, 1961	1	53.7	July 19, 1962	--	--
N5152	E-6	Locust Valley	Locust Valley WD	PS	305-355	L	1956-62	2	9.2	Aug. 9, 1956	7.2	July 28, 1960	1	53.7	July 19, 1962	--	--
N5153	B-6	Baldwin	Long Island Water Corp.	PS	268-323	M	1955-61	4	17.2	Jan. 14, 1958	5.4	May 18, 1955	1	53.7	July 19, 1962	--	--
N5155	C-5	Elmont	Jam. WSC	PS	70-90	up	1955-59	2	15	Aug. 27, 1959	11	June 9, 1955	1	--	--	--	--
N5156	C-5	do.	do.	PS	291-331	M	1955-61	2	14	June 9, 1955	8.6	Oct. 23, 1961	1	55.5	May 22, 1962	--	--
N5163	C-6	Garden City	Vill. of Garden City	PS	425-475	M	1955-61	3	6.8	June 29, 1955	5.5	Oct. 3, 1956	1	--	--	--	--
N5187	C-7	Roosevelt	Long Island Water Corp.	PS	454-494	M	1955-61	5	4.4	June 29, 1955	3.8	Sept. 28, 1961	1	56.1	July 9, 1958	55.8	May 10, 1962
N5193	B-6	Rockville Centre	Vill. of Rockville Centre	PS	490-550	M	1955-62	7	8	July 9, 1958	3.4	Aug. 31, 1956	4	58.2	July 9, 1958	57.1	May 10, 1962
N5194	B-6	do.	do.	PS	455-515	M	1956-62	7	8	July 9, 1958	3.6	Feb. 19, 1962	1	58.3	July 23, 1962	--	--
N5195	B-6	do.	do.	PS	305-335	M	1956-62	7	8	May 9, 1960	4.4	July 18, 1957	1	62.6	May 23, 1956	--	--
N5201	D-6	Roslyn Harbor	Jericho WD	PS	434-504	L	1957-61	3	4.8	May 9, 1960	2.0	Apr. 23, 1956	3	68.0	Aug. 12, 1959	67.7	July 19, 1962
N5209	D-5	Port Washington	Port Washington WD	PS	259-299	M	1956-61	29	15	Aug. 10, 1959	5.4	May 23, 1956	1	60.0	Aug. 12, 1959	--	--
N5227	B-6	Point Lookout	Lido-Point Lookout WD	PS	1190-1250	L	1955-61	2	10	Aug. 12, 1958	2.0	Apr. 3, 1960	1	51.7	July 17, 1962	--	--
N5233	C-6	do.	Monaco Surf Club	C	517-547	M	1955-62	6	10	Aug. 22, 1961	3	May 3, 1959	1	51.7	July 17, 1962	--	--
N5259	C-7	North Bellmore	NWMSD	PS	241-308	M	1955-61	4	8.2	June 7, 1955	7.0	June 13, 1959	1	51.7	July 17, 1962	--	--
N5260	C-6	Hempstead Gardens	West Hempstead-Hempstead Gardens	PS	452-515	M	1956-61	4	6.2	Dec. 28, 1957	4.8	Oct. 21, 1959	1	54.8	July 17, 1962	--	--
N5261	E-6	Glen Cove	NWMSD	PS	131-170; 185-195	up	1952-62	13	15	May 25, 1954	8.4	June 13, 1960	1	53.0	May 31, 1962	--	--
N5301	C-7	Levittown	Levittown WD	PS	324-377	M	1956-62	6	14	Feb. 21, 1962	5.0	May 28, 1956	2	52.4	Feb. 21, 1962	52.3	July 17, 1962
N5302	C-7	do.	do.	PS	431-484	M	1956-61	6	2	May 28, 1956	3.6	May 22, 1956	2	53.1	Feb. 21, 1962	53.0	July 17, 1962
N5303	C-7	do.	do.	PS	494-506	M	1956-62	4	6	Feb. 21, 1962	--	June 20, 1956	1	53.7	July 17, 1962	--	--
N5304	C-7	do.	do.	PS	415-467	M	1961	1	3.4	Sept. 14, 1961	--	--	1	--	--	--	--

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordinates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature			
							Period of record (years)	No. of samples	Highest of record Chloride (ppm)	Date	Lowest of record Chloride (ppm)	Date	Highest of record Temperature (°F)	Lowest of record Temperature (°F)
N5305	D-8	Bethpage	Grumman Aircraft Engineering Corp.	Ind	116-167	M	1962	1	15	Jan. 23, 1962	--	--	--	--
N5306	D-8	do.	do.	Ind	173-204; 233-255	M	1962	1	9.8	Jan. 23, 1962	--	--	--	--
N5308	C-6	Long Beach	City of Long Beach	PS	160-1220	L	1955-62	7	6.5	July 31, 1962	1.8	July 16, 1962	69.4	Aug. 20, 1959
N5320	C-7	East Meadow	East Meadow WD	PS	260-310	M	1977-62	4	4.4	Nov. 5, 1977	3.6	Feb. 20, 1962	68.8	May 9, 1962
N5321	C-7	do.	do.	PS	319-379	M	1961-62	2	4.4	Oct. 7, 1961	3.6	Mar. 21, 1962	--	--
N5322	C-7	do.	do.	PS	449-509	M	1956-62	4	3.8	July 11, 1956	3.4	June 12, 1958	--	--
N5336	C-7	Hicksville	Hicksville WD	PS	470-510	M	1957-61	3	3.6	June 12, 1958	3.4	May 22, 1956	--	--
N5338	C-7	North Hills	Port Washington WD	PS	472-523	M	1957-62	7	12	Jan. 23, 1962	4.0	Feb. 20, 1957	54.4	July 17, 1962
N5340	D-5	Port Washington	Port Washington WD	PS	430-490	M	1955-61	4	8.6	Jan. 31, 1955	3.8	Apr. 7, 1960	54.2	July 20, 1962
N5350	C-6	Mincola	Garden City Park	D	372-382	L	1952-61	3	9.4	June 10, 1952	6.8	Dec. 11, 1961	54.4	May 22, 1962
N5356	C-6	Westbury	Long Island Water Corp.	PS	403-463	M	1957-62	6	7.4	Sept. 28, 1957	6.0	Feb. 25, 1960	53.9	May 29, 1962
N5363	C-6	Westbury	Long Island Water Corp.	PS	365-415	M	1956-62	9	5.4	May 14, 1956	3.8	Mar. 15, 1962	55.4	July 18, 1962
N5634	C-6	South Hempstead	Westbury WD	PS	275-335	M	1956-61	6	3.6	May 14, 1956	2.0	Nov. 9, 1961	53.8	May 28, 1962
N5655	B-6	Lakeview	Long Island Water Corp.	PS	205-255	M	1956-62	10	8	Feb. 21, 1962	4.3	Mar. 26, 1957	51.0	Mar. 26, 1957
N5695	B-6	Freeport	Vill. of Freeport	PS	445-495	M	1957-62	4	8.0	June 10, 1958	3.6	Mar. 1, 1962	57.3	July 18, 1962
N5696	B-7	do.	do.	PS	468-518	M	1957-62	7	8.0	July 10, 1958	3.2	Feb. 8, 1962	56.2	July 10, 1958
N5703	C-8	Massapequa	Massapequa WD	PS	384-414; 409-459	M	1956-61	5	4.8	Aug. 29, 1957	4.0	Oct. 18, 1961	56.6	July 10, 1958
N5710	D-5	Lake Success	Manhasset-Lakeville WD	PS	325-385	P	1957-61	5	8.4	Sept. 30, 1957	7.2	Apr. 7, 1960	53.0	May 29, 1962
N5762	C-8	Glen Cove	NYMSD	PS	221-280	M	1956-61	2	13	June 13, 1960	7.0	Sept. 13, 1956	53.1	May 31, 1962
N5767	C-8	Wantagh	do.	PS	305-315; 334-384	M	1956-62	4	4.0	June 14, 1956	3.2	Feb. 21, 1962	52.7	July 17, 1962
N5768	B-6	Lido Beach	Shelbourne Grand Hotel	C	445-466; 508-530	M	1959-62	7	16	Aug. 12, 1959	7	May 5, 1960	--	--
N5792	E-6	Sea Cliff	Sea Cliff Water Co.	PS	255-295	M	1957-62	4	8.6	Apr. 11, 1960	5.6	Mar. 6, 1957	53.7	July 27, 1962
N5848	C-8	Massapequa	NYMSD	PS	204-230; 270-285; 305-335	M	1957-62	5	7.0	Jan. 22, 1958	5.2	Apr. 30, 1957	51.5	July 17, 1962
N5892	D-6	East Hills	Roslyn WD	PS	132-182	M	1957-62	3	5.2	May 20, 1957	4.5	Dec. 20, 1958	57.2	May 20, 1957
N5896	D-5	Port Washington	Port Washington WD	PS	168-238	M	1957-61	11	7.2	July 10, 1957	4.0	Sept. 1, 1959	60.8	June 3, 1957
N5904	B-5	Long Beach	Cy Frank	C	92-107; 117-165	M	1956-57	2	7.2	May 9, 1956	6.2	Sept. 6, 1956	64.4	May 9, 1957
N5947	D-6	Albertson	Albertson WD	PS	55-65	UP	1961	3	980	Oct. 20, 1961	720	Mar. 24, 1961	64.4	Sept. 17, 1957
N6042	E-7	Mill Neck	Mill Neck Estates	PS	235-265	L	1957-62	5	10.4	Sept. 17, 1957	7.8	May 8, 1959	53.2	May 28, 1962
N6076	D-8	Plainview	Plainview WD	PS	312-347	M	1957-61	2	4.4	Oct. 1, 1957	4.0	Dec. 13, 1961	--	--
N6077	D-8	do.	do.	PS	292-358	M	1957-61	3	3.4	Nov. 20, 1961	4.8	Aug. 8, 1957	50.9	July 19, 1962
N6078	D-8	Bethpage	Bethpage WD	PS	398-460	M	1957-61	3	4.2	June 12, 1957	3.2	Nov. 2, 1960	51.9	July 18, 1962
N6087	E-5	Port Washington	Port Washington WD	PS	225-275	UP	1957-61	3	9.0	Nov. 14, 1961	8.6	May 2, 1960	51.5	July 18, 1962
N6091	E-7	Centre Island	J. Townsend	PS	56-55	UP	1962	32	24	July 10, 1959	8.0	June 18, 1957	--	--
N6092	D-8	Woodbury	Jericho WD	PS	78-95	UP	1962	1	14	Apr. 12, 1962	--	July 15, 1957	--	--
N6093	D-8	Lakeview	do.	PS	561-631	M	1957-62	4	7.4	Feb. 21, 1962	5.0	July 15, 1957	53.1	July 23, 1962
N6146	C-6	South Farmingdale	Long Island Water Corp.	PS	546-606	M	1958-60	2	6.2	Mar. 4, 1958	5.6	May 16, 1960	53.2	July 23, 1962
N6148	C-8	do.	do.	PS	448-498	M	1958-62	4	4.6	Aug. 23, 1958	3.4	June 30, 1958	56.4	July 18, 1962
N6149	C-8	do.	do.	PS	462-489; 533-561	M	1957-61	3	5.4	June 24, 1957	4.8	Dec. 4, 1961	52.4	July 18, 1962
N6150	C-8	do.	do.	PS	538-595	M	1960-61	2	3.6	Dec. 4, 1961	3.0	Mar. 16, 1960	53.1	July 18, 1962
N6166	E-5	Port Washington	Penn. Industries Corp.	Ind	542-607	M	1960-61	2	4.2	Apr. 18, 1960	3.8	Dec. 4, 1961	53.2	July 18, 1962
N6190	D-7	Hicksville	Hicksville WD	PS	352-390	M	1957	1	190	Oct. 1, 1957	--	--	--	--
N6191	D-7	do.	do.	PS	550-600	M	1960-61	2	4.2	Feb. 16, 1960	3.8	Nov. 20, 1961	52.9	July 20, 1962
N6192	D-7	do.	do.	PS	590-651	M	1960-62	2	8	Feb. 21, 1962	3.6	Feb. 16, 1960	54.2	July 20, 1962
N6193	D-7	do.	do.	PS	573-627	M	1960-61	2	8.2	Nov. 20, 1961	4.6	Feb. 16, 1960	52.4	July 20, 1962
N6241	B-6	Bay Park	USGS	0	396-442; 452-467	M	1960-61	2	16	Nov. 20, 1961	13	Feb. 16, 1960	52.9	July 20, 1962
N6242	B-5	Cedarhurst	do.	0	59	UP	1952-53	4	42	Nov. 4, 1953	30	Nov. 12, 1952	54.4	Nov. 4, 1953
N6243	B-5	do.	do.	0	11	UP	1952-53	5	2,700	Dec. 7, 1953	8	June 21, 1952	55.6	Dec. 7, 1953
N6244	B-5	Woodmere	do.	0	19	UP	1952	2	28	June 12, 1952	7	Nov. 24, 1952	55.7	Dec. 7, 1953
N6245	B-5	Oceanside	do.	0	21	UP	1952-53	3	22	Nov. 24, 1952	10	Nov. 26, 1952	56.8	Nov. 2, 1953
N6246	B-5	Woodmere	do.	0	8-10	UP	1952	2	790	July 13, 1952	700	July 31, 1952	56.1	Dec. 7, 1953
N6247	B-5	Lyndbrook	Formerly Queens County Water Co.	0	5	UP	1952-53	3	16	Dec. 7, 1953	6	Nov. 18, 1952	58.4	Nov. 4, 1953
N6282	E-5	Sands Point	USGS	0	72	UP	1957	1	9	Feb. 25, 1957	--	--	52.9	Nov. 7, 1953
N6315	D-6	Carle Place	USGS	0	384-394	J	1957	1	5.4	Aug. 23, 1957	--	Jan. 13, 1959	55.0	Aug. 23, 1957
N6346	I/D-6	Port Washington	Colonial Sand and Stone Co., Inc.	Ind	268-348; 365-375	M	1958-62	7	7.8	Jan. 10, 1962	6.5	Oct. 22, 1957	53.2	May 22, 1962
						L	1957	1	4.9	Oct. 22, 1957	--	--	55.0	Oct. 22, 1957

1/ Water from shallow test well, same site, had 2550 ppm of chloride at depth of 52 ft, Sept. 10, 1957.

Table 1.--Summary of chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Well	Map coordi- nates	Locality	Owner	Use	Screened depth (feet)	Geologic source	Chloride concentration				Water temperature							
							Period of record (years)	No. of samples	Highest of record		Lowest of record		Period of record (years)	No. of samples	Highest of record		Lowest of record	
									Chloride (ppm)	Date	Chloride (ppm)	Date			Temper- ature (°F)	Date	Temper- ature (°F)	Date
N6367	B-6	Island Park	NCDPW	0	7-9	UP	1960	1	8.6	Jan. 20, 1960	--	--	--	--	--	--	--	
N6435	E-7	Centre Island	Charles Whitney	D	418-433	L	1962	1	3	Apr. 12, 1962	--	--	--	--	53.0	July 17, 1962	--	
N6442	C-8	Nassapequa	do.	PS	524-592	M	1958-61	3	4.4	July 11, 1960	3.4	Oct. 20, 1961	1962	1	51.8	July 17, 1962	--	
N6443	C-8	do.	do.	PS	190-217	M	1960-61	2	9.2	July 11, 1960	8.4	Oct. 20, 1961	1962	1	51.8	July 17, 1962	--	
N6450	B-6	Long Beach	City of Long Beach	PS	227-267	L	1958-62	6	6.2	Feb. 1, 1962	3.6	Nov. 6, 1961	1959-62	2	70.1	Aug. 20, 1959	69.8	
N6510	B-5	Lawrence	Vill. of Lawrence	D	496-461	L	1958-62	10	14,500	Nov. 13, 1962	13,800	Apr. 9, 1959	1958-59	2	61.0	Aug. 6, 1959	60.9	
N6578	E-7	Centre Island	Dana Friend	D	310-530	L	1962	1	3	Apr. 12, 1962	--	--	--	--	--	--	--	
N6580	D-8	Plainview	Plainview WD	PS	283-270	M	1960-61	2	3.6	Mar. 28, 1960	3.4	Dec. 7, 1961	1962	1	54.3	July 19, 1962	--	
N6581	B-5	Woodmere	Long Island Water Corp.	0	500-586	M	1958-61	8	9,100	Apr. 13, 1962	7,390	Oct. 6, 1958	1958-59	2	60.5	Oct. 6, 1958	60.0	
N6581	B-5	Woodmere	Long Island Water Corp.	Ind	133-143	J	1959-61	4	194	Apr. 6, 1961	60	Feb. 27, 1959	--	--	--	Aug. 18, 1959	--	
N6643	B-6	Island Park	Co., Inc.	PS	175-222	M	1952-61	4	7.6	Nov. 20, 1961	4.6	Aug. 2, 1954	1962	1	51.1	July 18, 1962	--	
N6644	C-8	Farmingdale	Vill. of Farmingdale	PS	560-610	M	1960-61	2	13	May 14, 1960	9.2	Dec. 5, 1961	1962	1	56.1	July 23, 1962	--	
N6651	D-7	Jericho	Jericho WD	PS	272-282	M	1960-61	3	16	June 15, 1961	7.0	June 21, 1960	1962	1	56.1	July 23, 1962	--	
N6657	C-8	Tobey Beach	Town of Oyster Bay	PS	272-282	UP	1961-62	4	23	Aug. 5, 1961	16	Sept. 19, 1959	1961-62	23	59.9	Nov. 4, 1961	54.9	
N6664	E-7	Levittown	Julian Soren	D	456-460	J	1960	8	3.7	Dec. 5, 1960	--	--	1960	5	61.7	Dec. 5, 1959	59.4	
N6675	E-7	Cove Neck	A. A. Salkin	D	455-460	J	1960	8	15,800	Nov. 12, 1962	15,600	Aug. 31, 1959	1959-60	5	61.7	Aug. 31, 1959	59.4	
N6702	B-5	Atlantic Beach	USGS	0	686-677	M	1959-62	7	12	Sept. 18, 1959	5.4	July 19, 1960	1960	1	61.9	July 19, 1960	--	
N6703	B-5	do.	do.	0	468-478	M	1960-62	7	12	Nov. 12, 1962	11,900	Apr. 6, 1962	1959-60	3	62.3	July 11, 1960	58.4	
N6704	B-5	do.	do.	0	284-294	M	1959-62	5	12,900	Nov. 12, 1962	11,900	Apr. 6, 1962	1959-60	3	62.3	July 11, 1960	58.4	
N6705	B-5	do.	do.	0	146.5-156.5	J	1960-62	2	13	Apr. 9, 1962	150	July 27, 1959	1959	1	58.0	July 29, 1959	--	
N6706	B-5	Woodsburgh	do.	0	624-629	UP	1959-62	7	1,700	Oct. 17, 1961	148	July 27, 1959	1959	1	58.0	July 29, 1959	--	
N6707	B-5	do.	do.	0	493-503	UP	1959-61	3	185	Oct. 17, 1961	12	July 27, 1959	--	--	--	--	--	
N6723	B-5	Atlantic Beach	do.	0	63-65	UP	1959-61	3	21	July 16, 1959	12	July 27, 1959	--	--	--	--	--	
N6724	B-5	do.	do.	0	14-16	Re	1960	1	16	Sept. 28, 1960	--	Oct. 23, 1961	--	--	--	--	--	
N6744	B-5	Elmont	Jam. WSC	PS	74-94	UP	1960	2	9.4	Sept. 28, 1960	9.0	Oct. 23, 1961	1960	2	58.0	July 11, 1960	55.5	
N6745	C-5	do.	do.	PS	304-344	M	1959-62	4	12	Mar. 15, 1960	6.0	June 9, 1962	1960	2	61.1	Nov. 13, 1959	--	
N6792	B-5	Woodsburgh	USGS	0	48-50	UP	1960-61	2	2,500	Apr. 9, 1962	1,160	Mar. 15, 1960	1959	2	56.1	July 19, 1962	55.9	
N6817	B-2	Rockville Centre	Vill. of Rockville Centre	PS	508-558	Re	1960-62	4	6	May 10, 1962	3.6	June 21, 1961	1962	2	56.1	July 19, 1962	55.9	
N6819	D-7	Westbury	Westbury WD	PS	215-265	M	1960-61	3	7.5	July 20, 1961	4.6	Nov. 8, 1961	1960	5	66.9	June 8, 1960	62.0	
N6849	B-6	Point Lookout	USGS	PS	1027-1037	R	1960-62	10	64	May 23, 1961	53	Apr. 17, 1962	1960	5	66.9	June 8, 1960	62.0	
N6850	B-6	do.	do.	0	898-909	M	1960-62	10	115	May 19, 1961	106	Dec. 15, 1960	1960	4	60.5	Sept. 23, 1960	61.0	
N6851	B-6	do.	do.	0	551-556	M	1960-62	6	6	Sept. 16, 1961	3.6	July 6, 1960	1960	4	60.5	Sept. 23, 1960	61.0	
N6852	B-6	do.	do.	0	258-263	M	1960-62	12	9,500	Sept. 16, 1961	8,180	July 8, 1960	1960	5	59.5	May 16, 1960	59.0	
N6853	B-6	do.	do.	0	127-132	M	1960-62	2	4.5	Sept. 5, 1962	4	May 25, 1960	1960	4	57.2	Sept. 23, 1960	55.9	
N6856	C-8	Nassapequa	Massapequa WD	PS	566-626	M	1960-61	2	3.8	June 1, 1960	3.2	Oct. 18, 1961	1962	1	54.3	July 17, 1962	--	
N6867	C-8	do.	do.	PS	414-445	M	1961	2	3.4	June 1, 1961	2.9	Oct. 18, 1961	1962	1	53.6	July 17, 1962	--	
N6893	C-6	Roosevelt	Long Island Water Corp.	PS	478-492	M	1961-62	3	4.4	Feb. 21, 1961	3.4	Mar. 15, 1962	1962	1	54.7	July 18, 1962	--	
N6915	C-8	Bethpage	Bethpage WD	PS	500-560	M	1961	1	4.0	Sept. 28, 1961	--	--	1962	1	51.5	July 18, 1962	--	
N6916	C-8	do.	do.	PS	422-475	M	1961	1	4.0	Sept. 28, 1961	--	--	1962	1	51.5	July 18, 1962	--	
N6920	B-6	Point Lookout	USGS	0	555-605	M	1960-62	5	3.0	Apr. 3, 1962	--	--	1960	2	58.0	May 25, 1960	54.0	
N6928	B-6	Bay Park	do.	PS	40-42	Re	1960-62	4	210	Apr. 3, 1962	170	May 25, 1960	1962	1	58.0	May 25, 1960	54.0	
N6945	D-5	Garden City Park	Garden City Park WD	0	716-726	M	1961-62	2	18	Sept. 28, 1961	11	Apr. 11, 1962	1962	1	53.9	May 29, 1962	--	
N6956	D-8	Plainview	Plainview WD	PS	514-545	M	1960-61	2	7.0	May 31, 1961	5.4	Feb. 6, 1962	1962	1	52.1	July 19, 1962	--	
N7000	B-5	Lawrence	Vill. of Lawrence	Irr	566-597	UP	1960-62	5	5.0	Sept. 16, 1960	4.2	Oct. 3, 1961	1962	1	52.1	July 19, 1962	--	
N7020	B-6	Island Park	Eastern Asphalt Co.	C	99-110	J	1961-62	3	12	Nov. 28, 1960	6	Aug. 1, 1962	--	--	--	--	--	
N7030	D-7	Jericho	Jericho WD	PS	120-125	M	1961-62	5	86	Aug. 28, 1961	78	Apr. 3, 1962	1962	1	54.4	July 23, 1962	--	
N7161	B-6	Rockville Centre	Vill. of Rockville Centre	0	460-530	M	1961	7	5	Oct. 10, 1961	4	Apr. 11, 1962	1962	1	59.1	Aug. 1, 1962	--	
N7193	E-7	Bayville	USGS	0	661-666	UP	1961	7	30	Aug. 11, 1961	22	Aug. 9, 1961	1962	1	59.1	Aug. 1, 1962	--	
N7207	B-6	Rockville Centre	Vill. of Rockville Centre	0	15-18	M	1962	1	4.5	Apr. 11, 1962	--	--	1962	1	59.1	Aug. 1, 1962	--	

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.

[Analyses by U.S. Geological Survey, New York State Department of Health, Nassau County Department of Health, Nassau County Department of Public Works, and private laboratories. Temperature measurements by U.S. Geological Survey personnel. For additional well data see table]

Date of collection	Chloride (ppm)	Temperature (°F)
N10.		
Feb. 27, 1935	3.9	-
1940	7.3	-
1944	9.1	-
1945	11.	-
Mar. 10, 1947	8.2	-
Mar. 4, 1952	11	-
Dec. 27, 1954	9.4	-
Jan. 11, 1955	16	-
June 22, 1959	13	-
Sept. 28, 1960	12	-
May 22, 1962	-	54.7

N12.		
Mar. 28, 1938	-	51.3
1940	3.6	-
Mar. 10, 1952	4.8	-
July 13, 1954	4.4	-
June 1959	6.5	-
May 22, 1962	-	55.8

N14.		
1941	13	-
1942	9.5	-
May 29, 1944	11	-
Apr. 16, 1946	11	-
July 8, 1952	15	-
Feb. 14, 1955	17	-
Sept. 15, 1959	18	-
June 1961	18	-
May 22, 1962	-	56.7

N15.		
Feb. 27, 1935	12	-
1940	11	-
Apr. 16, 1941	9.4	-
May 2, 1944	11	-
Mar. 10, 1947	14	-
July 8, 1952	19	-
Sept. 15, 1959	21	-
June 1961	23	-
May 22, 1962	-	59.7

N17.		
1940	4.3	-
1945	5.2	-
Mar. 10, 1947	6.2	-
Mar. 10, 1952	10	-
Nov. 1, 1954	13	-
June 1958	16	-
June 1961	18	-
May 22, 1962	-	53.7

N22.		
Jan. 13, 1947	8.0	-
July 6, 1949	12	-
June 26, 1952	6.6	-
Mar. 24, 1960	8.4	-
Jan. 4, 1962	7.8	-
July 27, 1962	-	55.3

N23.		
Dec. 14, 1937	8	-
Feb. 24, 1938	9	51.2
Sept. 14, 1938	6	54.3
Apr. 12, 1940	9	-
Sept. 24, 1940	6	-
Aug. 20, 1947	3	-
Feb. 3, 1949	6.2	-
June 26, 1952	7.6	-
Sept. 23, 1957	8.8	-
Mar. 24, 1960	12	-
Jan. 4, 1962	8.4	-

Date of collection	Chloride (ppm)	Temperature (°F)
N24.		
Nov. 22, 1932	4	56.0
Aug. 31, 1938	8	-
July 24, 1939	5	57.2
May 9, 1940	5	56.6
Dec. 3, 1941	7	-
Mar. 26, 1945	-	58.7
Apr. 1, 1947	4.4	-
May 17, 1950	4.4	56.7
Aug. 28, 1953	4.0	-
Apr. 7, 1960	6.2	-
Jan. 3, 1962	5.8	-
May 29, 1962	-	55.0

N29.		
Jan. 13, 1939	6	50.1
Apr. 27, 1943	6.4	-
Dec. 2, 1952	7	-
Sept. 14, 1956	8	-
Apr. 21, 1960	8.0	-
Jan. 17, 1962	5.8	-
May 29, 1962	-	52.5

N30.		
Sept. 24, 1940	5	54.6
Jan. 10, 1949	5.2	-
June 25, 1952	5.4	-
Sept. 23, 1957	5.8	-
July 27, 1962	-	54.2

N33.		
Sept. 24, 1940	6	54.3
Sept. 13, 1944	11	-
Oct. 24, 1944	14	-
Dec. 27, 1945	30	-
Nov. 15, 1946	28	-
July 7, 1949	21	-
Oct. 3, 1949	8	-

N36.		
Apr. 12, 1940	10	-
July 1, 1948	6.6	-
July 7, 1949	12	-
May 16, 1950	8.0	52.0
July 7, 1954	8.4	-
Oct. 18, 1957	9.2	52.0
Jan. 4, 1962	9.2	-
July 25, 1962	-	52.4

N40.		
Sept. 27, 1932	5	69.0
Aug. 3, 1938	11	-
July 26, 1939	6	71.4
Apr. 11, 1940	7	69.0
June 16, 1941	9	70.2
Oct. 3, 1941	-	66.4
Mar. 6, 1942	7	69.2
Dec. 7, 1945	2	69.7
June 16, 1948	8	67.0
June 1, 1951	6	-

N41.		
Sept. 27, 1937	5	69.8
Aug. 3, 1938	6	70.7
June 29, 1939	6	70.0
Nov. 30, 1939	5	69.6
July 17, 1940	6	68.1
Dec. 8, 1940	7	69.6
May 1, 1942	7	69.8
Dec. 7, 1945	2	69.4
Apr. 3, 1946	4	69.6
Aug. 25, 1947	5	70.5
Sept. 21, 1949	6	69.5

Date of collection	Chloride (ppm)	Temperature (°F)
N41.--Continued		
Sept. 11, 1952	4	69.5
July 14, 1953	6	70.0
Sept. 3, 1954	5	69.5
May 9, 1955	4.8	-
Aug. 20, 1959	-	69.9
June 1, 1960	-	69.8
Aug. 22, 1961	-	69.3
Nov. 17, 1961	16	-
Feb. 9, 1962	17	-
Mar. 27, 1962	34	-
May 20, 1962	-	69.8

N42.		
Aug. 21, 1934	4	-
Feb. 7, 1935	2	-
Dec. 15, 1937	10	67.0
Aug. 3, 1938	-	70.2
Dec. 5, 1945	4	67.4
June 14, 1949	10	-
June 1, 1951	6	68.4
July 14, 1953	8	68.1
Sept. 3, 1954	8	68.2
May 9, 1955	5.2	-

N43.		
Aug. 22, 1932	10	-
Dec. 31, 1936	5	68.7
Dec. 15, 1937	5	68.5
Nov. 22, 1944	7	68.5
Sept. 6, 1945	6	69.4
Jan. 12, 1949	6.6	-
Dec. 13, 1949	10	67.0
May 6, 1952	6	69.2
June 4, 1953	4.8	-
Feb. 9, 1954	8	67.8
Aug. 18, 1954	4.6	-
Sept. 3, 1954	7	69.8
Sept. 15, 1955	5.8	-
Aug. 20, 1959	8	69.7
Nov. 6, 1961	2.4	-
Feb. 1, 1962	5.6	-
May 20, 1962	-	69.8

N44.		
Aug. 26, 1934	10	-
Feb. 7, 1935	3	-
Sept. 8, 1936	7	69.4
Sept. 27, 1937	5	69.0
Sept. 6, 1938	2	-
Sept. 1, 1939	6	69.2
Mar. 6, 1940	6	-
Sept. 26, 1940	8	69.3
Sept. 2, 1941	6	69.4
Mar. 6, 1942	6	69.1
May 30, 1944	5	68.5
Sept. 1, 1944	8	69.3
Dec. 6, 1945	2	68.0
June 6, 1946	8	69.1
Mar. 18, 1948	4	67.5
June 16, 1948	-	70.0
Jan. 12, 1949	6.4	-
Sept. 21, 1949	8	69.4
Nov. 9, 1953	6.0	-
Sept. 3, 1954	8	69.2
Aug. 20, 1959	-	69.8
May 17, 1960	9.8	-
Mar. 22, 1961	7	-
Feb. 1, 1962	8.0	-
May 20, 1962	-	69.4

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N46.		
May 19, 1938	3	65.1
June 29, 1939	4	66.8
Apr. 15, 1941	3	66.3
May 30, 1944	4	66.6
Aug. 22, 1947	4	70.5
Dec. 16, 1947	1	65.3
June 14, 1949	8	67.6
May 24, 1954	2.4	-
Feb. 9, 1955	2.8	66.6
June 9, 1955	3.2	-
Mar. 14, 1957	4.2	-
Aug. 12, 1959	4	68.0
Nov. 2, 1961	2.8	-
July 19, 1962	-	67.6

N50.		
May 13, 1932	4	-
Sept. 26, 1932	4	61.0
Mar. 20, 1940	3.2	-
May 26, 1942	6	59.4
Oct. 29, 1942	5	58.4
Dec. 31, 1942	6	58.0
Aug. 24, 1943	4.0	-
Oct. 2, 1944	-	60.3
Apr. 9, 1945	-	58.4
Oct. 3, 1945	2	59.0
Feb. 17, 1947	3.2	-
May 22, 1947	-	59.3
Aug. 25, 1947	5	60.4
Apr. 22, 1948	5	58.2
Oct. 21, 1948	-	59.5
Apr. 12, 1949	-	59.1
Sept. 27, 1949	4	59.0
Dec. 5, 1949	-	57.4
Apr. 21, 1950	3	58.5
July 18, 1950	5	59.8
Feb. 21, 1951	5	58.9
Aug. 30, 1951	2	61.8
Jan. 1, 1952	-	59.1
Sept. 8, 1952	-	60.5
Mar. 11, 1953	6	-
Oct. 21, 1953	8	59.6
Apr. 20, 1954	3.8	-
Feb. 23, 1955	4.0	-
Jan. 7, 1958	4.6	-
Aug. 29, 1961	4.0	-
May 10, 1962	5.0	59.1
July 19, 1962	-	60.1

N52.		
May 15, 1932	4	-
Sept. 26, 1932	4	62.0
Mar. 26, 1940	3.4	-
May 20, 1942	5	56.1
Oct. 29, 1942	5	55.5
Dec. 31, 1942	6	55.7
Aug. 28, 1943	4	-
Oct. 2, 1944	-	55.9
Apr. 9, 1945	-	56.0
Oct. 2, 1945	5	55.9
Oct. 17, 1946	-	56.4
Feb. 19, 1947	3.4	-
May 22, 1947	-	55.8
Aug. 25, 1947	5	57.1
Apr. 22, 1948	5	55.7
Apr. 12, 1949	-	55.9
Sept. 27, 1949	8	55.7
Dec. 5, 1949	4	55.0
Apr. 21, 1950	5	55.4
July 18, 1950	5	56.3
Nov. 14, 1950	5	55.8
Feb. 21, 1951	5	55.9
Aug. 30, 1951	6	56.7
Jan. 15, 1952	3	58.1
Sept. 8, 1952	5	60.4
Mar. 11, 1953	6	-
Oct. 21, 1953	6	55.9
May 7, 1957	7	56.7
Aug. 29, 1961	4.6	-
Feb. 15, 1962	5	-
May 10, 1962	7	56.0
July 19, 1962	-	57.3

Date of collection	Chloride (ppm)	Temperature (°F)
N67.		
Feb. 5, 1946	2	63.7
Aug. 22, 1947	5	63.4
Apr. 19, 1948	4.4	-
Apr. 22, 1948	5	63.0
Oct. 21, 1948	-	63.1
Apr. 12, 1949	-	63.4
Sept. 22, 1949	8	63.4
Dec. 5, 1949	6	63.2
Apr. 21, 1950	6	63.2
May 17, 1950	4.8	63.2
July 18, 1950	5	63.3
Nov. 14, 1950	5	62.9
Feb. 21, 1951	5	63.2
Aug. 29, 1951	4	63.6
Jan. 16, 1952	8	63.5
Mar. 12, 1953	6	-
Oct. 21, 1953	8	63.6
Apr. 12, 1962	8	-
Aug. 2, 1962	4.2	61.2

N68.		
Mar. 26, 1940	3.4	-
Nov. 9, 1942	2	-
Dec. 31, 1942	6	57.6
Mar. 2, 1943	3.8	-
Aug. 25, 1943	5	-
Sept. 28, 1944	6	57.9
Apr. 10, 1945	6	57.3
Oct. 9, 1946	2	56.8
Oct. 17, 1946	-	58.4
May 5, 1947	3.6	-
May 22, 1947	-	57.8
Aug. 22, 1947	5	58.5
Apr. 22, 1948	6	57.5
Oct. 21, 1948	-	57.4
Sept. 22, 1949	6	58.0
Dec. 5, 1949	4	57.2
Apr. 21, 1950	5	57.4
July 18, 1950	5	57.6
Nov. 14, 1950	4	56.6
Aug. 29, 1951	4	57.7
Jan. 16, 1952	2	57.7
Sept. 8, 1952	5	57.4
Mar. 12, 1953	6	-
Oct. 21, 1953	8	57.7
Mar. 8, 1954	3.8	-
May 8, 1957	5	57.5
July 10, 1958	7	-
Aug. 1, 1961	4.6	-
Feb. 8, 1962	4.2	-
May 11, 1962	6	56.0

N72.		
Oct. 29, 1942	4	56.0
Apr. 9, 1945	6	54.2
Oct. 3, 1945	2	56.0
Apr. 22, 1948	4	56.1
Sept. 27, 1949	8	55.8
July 18, 1950	5	56.1
Sept. 8, 1952	4	57.2
Oct. 21, 1953	8	56.0
Nov. 10, 1953	4	-
Sept. 19, 1955	5.2	-
July 9, 1958	8	56.0
Feb. 15, 1962	5.2	-
May 10, 1962	6	55.6
July 19, 1962	-	55.9

N75.		
Mar. 23, 1943	8.2	-
Mar. 24, 1947	8.8	-
May 8, 1952	11	-
Apr. 12, 1955	14	-
Sept. 8, 1959	15	-
Mar. 19, 1962	15	-
July 17, 1962	-	55.0

Date of collection	Chloride (ppm)	Temperature (°F)
N80.		
July 15, 1952	9.5	-
Nov. 9, 1953	4.8	-
Feb. 23, 1954	5.2	-
Jan. 6, 1958	6	-
Mar. 22, 1960	5.2	-
Oct. 24, 1961	5.6	-
Mar. 20, 1962	5.6	-
May 23, 1962	-	55.1

N87.		
Dec. 30, 1937	5	-
Jan. 18, 1938	3	-
Jan. 6, 1939	3	61.7
Apr. 12, 1940	4	59.7
Apr. 15, 1941	6	-

N91.		
July 21, 1943	27	-
Sept. 26, 1955	38	-
Nov. 12, 1957	54	-
Aug. 26, 1959	55	-
Oct. 11, 1961	44	-
May 22, 1962	-	58.2

N93.		
July 21, 1943	22	-
May 8, 1952	13	-
Apr. 14, 1953	22	-
Feb. 9, 1955	12	-
Mar. 21, 1955	24	-
Oct. 23, 1957	19	-
Aug. 26, 1959	18	-

N94.		
July 27, 1943	9.6	-
July 6, 1948	14	-
May 8, 1952	19	-
Aug. 24, 1954	23	-
Mar. 21, 1955	24	-
Oct. 6, 1955	25	-
July 11, 1956	25	-
May 22, 1962	-	54.4

N97.		
Feb. 26, 1935	5.1	-
Dec. 15, 1942	5	-
Jan. 15, 1952	4	-
Aug. 4, 1954	5	-
May 10, 1955	4.4	-
Oct. 7, 1957	7.2	-
May 1, 1959	5.2	-
Mar. 10, 1960	4.6	-
Dec. 11, 1961	4.4	-

N101.		
Jan. 25, 1943	8.2	-
July 24, 1952	6.2	-
Oct. 28, 1957	8.2	-
June 15, 1960	10	-
Nov. 14, 1961	7.8	-
May 28, 1962	-	54.3

N104.		
Feb. 28, 1935	3.9	-
Jan. 13, 1943	4.8	-
Mar. 17, 1954	5.6	-
Oct. 31, 1957	7.6	-
Apr. 6, 1960	6.2	-

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N111.			N134.			N204.		
Dec. 14, 1937	5	-	May 25, 1942	5.5	56.8	Dec. 20, 1937	5	-
Nov. 7, 1938	3.5	-	Oct. 29, 1942	4	55.4	Jan. 20, 1938	5	-
Jan. 4, 1939	5	55.5	Dec. 31, 1942	9	55.6	Feb. 17, 1938	5	55.2
June 20, 1939	-	54.9	Feb. 16, 1943	3.2	-	Mar. 23, 1938	5	-
Oct. 27, 1942	8	-	Aug. 25, 1943	4	-	Apr. 23, 1938	5	-
Aug. 21, 1947	7	-	Sept. 28, 1944	6	56.0	May 19, 1938	4	-
N115.			Apr. 10, 1945	8	55.6	June 20, 1938	6	-
Nov. 22, 1932	6	53.0	Oct. 9, 1945	2	55.4	Aug. 31, 1938	6	-
Feb. 26, 1952	5	-	Oct. 17, 1946	3.2	55.8	Oct. 27, 1938	4	56.1
Mar. 5, 1954	6.2	-	May 5, 1947	-	-	Jan. 4, 1939	5	-
July 11, 1955	6	-	May 22, 1947	-	55.6	Mar. 29, 1939	6	55.0
Aug. 3, 1960	7.2	-	Aug. 22, 1947	5	56.3	June 20, 1939	2	56.2
Feb. 21, 1962	-	52.6	Apr. 22, 1948	4	55.3	Sept. 26, 1939	5	56.1
N123.			Oct. 21, 1948	-	55.8	Jan. 9, 1940	4	55.4
Dec. 20, 1937	7	-	Apr. 12, 1949	-	55.8	Apr. 11, 1940	5	55.7
Aug. 31, 1938	6	-	Sept. 22, 1949	6	55.8	Sept. 25, 1940	5	-
Jan. 9, 1940	8	-	Dec. 5, 1949	8	55.7	Apr. 14, 1941	7	-
Apr. 14, 1941	10	-	Apr. 21, 1950	5	55.6	Nov. 14, 1941	6	-
Aug. 13, 1946	10	-	July 18, 1950	5	55.6	Oct. 27, 1942	5	-
Feb. 17, 1950	4	-	Nov. 14, 1950	4	55.0	Nov. 10, 1944	8	-
Feb. 29, 1952	7.4	-	Feb. 21, 1951	4	-	Aug. 26, 1946	9	-
N124.			Aug. 29, 1951	4	56.4	Aug. 21, 1947	6	-
Oct. 27, 1938	8	54.6	Jan. 16, 1952	2	53.2	Mar. 4, 1949	5	-
Jan. 4, 1939	8	53.6	Sept. 8, 1952	5	56.1	Mar. 7, 1950	6	-
Mar. 29, 1939	9	53.4	Mar. 12, 1953	6	-	Feb. 29, 1952	3.6	-
Apr. 6, 1940	10	53.4	Oct. 21, 1953	6	55.9	N570.		
Sept. 25, 1940	9	55.1	Mar. 1, 1954	3.4	-	Apr. 12, 1950	3.8	-
Apr. 14, 1941	10	53.6	May 8, 1957	5	56.2	Sept. 11, 1952	4	-
Nov. 14, 1941	16	-	Aug. 4, 1960	3.4	-	Mar. 16, 1954	3.6	-
Oct. 27, 1942	10	-	Feb. 20, 1962	2.8	-	July 11, 1957	5.2	-
Nov. 10, 1944	12	-	May 11, 1962	6	57.3	May 9, 1960	4.4	-
Sept. 17, 1946	10	-	N148.			Dec. 6, 1961	4.4	-
Feb. 17, 1950	15	-	Apr. 16, 1931	5.8	-	July 23, 1962	-	53.0
Mar. 3, 1952	10	-	Sept. 21, 1933	7.8	-	N578.		
N128.			Aug. 21, 1950	12	-	Dec. 15, 1942	5	-
Oct. 1932	10	-	Jan. 8, 1952	13	-	Jan. 15, 1952	8	-
Feb. 10, 1933	11	-	N150.			July 31, 1952	8.8	-
May 10, 1933	11	61.0	Sept. 21, 1933	7.6	-	Dec. 15, 1952	5	-
June 13, 1933	10	-	Oct. 30, 1939	14	-	Aug. 23, 1954	4.2	-
Aug. 8, 1933	10	-	Feb. 4, 1946	17	-	Sept. 7, 1954	2	-
Oct. 1933	10	-	Jan. 8, 1952	11	-	Jan. 11, 1955	9.6	-
Mar. 28, 1938	10	59.0	Aug. 11, 1954	13	-	Jan. 31, 1956	9.6	-
Apr. 27, 1938	10	-	N174.			Oct. 7, 1957	9.4	-
Sept. 6, 1938	11	-	May 1, 1934	4.5	-	May 7, 1959	9	-
Apr. 3, 1939	7	-	Dec. 20, 1937	5	-	Feb. 29, 1960	8.2	-
Dec. 30, 1952	10	-	Jan. 4, 1939	4	54.4	Jan. 3, 1962	9.2	-
Mar. 11, 1953	10	-	Sept. 26, 1939	2	54.6	May 22, 1962	-	54.6
June 7, 1956	7	62.9	Apr. 14, 1941	5	55.0	N650.		
June 15, 1956	8	-	Oct. 27, 1942	5	54.7	Jan. 19, 1943	4.4	-
Sept. 9, 1959	12	-	Nov. 10, 1944	7	-	May 5, 1947	5.2	-
May 5, 1960	8	-	N198.			July 17, 1952	6.7	-
N129.			Nov. 23, 1932	4	-	Sept. 26, 1957	7.4	-
Feb. 26, 1935	5.8	-	Apr. 12, 1950	3.8	-	Oct. 15, 1958	6.5	-
Mar. 28, 1938	6	62.3	Sept. 11, 1952	3.9	-	Apr. 7, 1959	6	-
Apr. 27, 1938	6	-	Mar. 16, 1954	3.4	-	July 8, 1959	6.5	-
May 20, 1938	6	-	July 11, 1957	4.6	-	Feb. 25, 1960	6.2	-
June 20, 1938	6	-	May 9, 1960	2.4	-	Oct. 17, 1960	7.3	-
Sept. 6, 1938	6	-	Aug. 15, 1960	3	52.0	Feb. 6, 1962	5.6	-
Nov. 7, 1938	5	-	Dec. 5, 1961	3.4	-	May 29, 1962	-	54.1
June 29, 1939	7	-	July 23, 1962	-	53.1	N651.		
Oct. 6, 1939	6	-	N202.			Jan. 19, 1943	5.6	-
Aug. 25, 1947	7	-	Nov. 22, 1932	5	53.0	May 5, 1947	7	-
Dec. 30, 1952	7	-	Mar. 23, 1938	4	-	July 17, 1952	8.1	-
Apr. 29, 1953	8	-	Jan. 9, 1940	4	52.3	Feb. 25, 1960	7.2	-
Nov. 10, 1953	4.7	62.5	Apr. 14, 1941	6	53.0	Jan. 8, 1962	8.8	-
June 15, 1956	7.5	-	Nov. 10, 1944	10	-			
Sept. 9, 1959	12	-	Mar. 4, 1949	5.8	-			
May 5, 1960	6	-	July 7, 1949	9	-			
Oct. 19, 1960	6	-	Aug. 10, 1953	4.6	-			

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N656.		
Nov. 17, 1938	25	55.7
July 24, 1939	20	57.7
Oct. 27, 1939	24	55.7
Jan. 5, 1940	28	54.9
Dec. 31, 1940	36	55.6
Jan. 7, 1943	70	-
July 1, 1948	18	-
Nov. 17, 1953	42	-
Feb. 16, 1956	38	-
May 23, 1956	38	-
June 20, 1956	33	-
July 5, 1956	80	-
Nov. 14, 1956	30	-
Feb. 7, 1957	34	-
Mar. 15, 1957	32	-
Apr. 8, 1957	34	-
Oct. 18, 1957	20	56.5

N657.		
Nov. 17, 1938	850	54.1
Jan. 4, 1939	890	-
Apr. 11, 1939	910	-
May 16, 1939	960	-
June 20, 1939	970	52.0
July 24, 1939	970	54.3
Sept. 1, 1939	970	54.1
Sept. 26, 1939	1020	54.0
Oct. 27, 1939	1010	54.0
Nov. 30, 1939	1020	53.8
Jan. 5, 1940	1040	53.7
Feb. 9, 1940	1100	53.7
Mar. 6, 1940	1100	53.6
Apr. 12, 1940	1050	53.7
May 9, 1940	1100	53.8
July 17, 1940	1200	53.9
Aug. 26, 1940	-	54.2
Sept. 24, 1940	1190	54.2
Oct. 28, 1940	1240	54.1
Dec. 31, 1940	1220	54.0
Feb. 26, 1941	1240	53.9
Apr. 10, 1941	1270	53.9
May 15, 1941	1260	54.1
June 17, 1941	1250	54.2
July 11, 1941	1250	54.2
Sept. 2, 1941	1400	54.2
Oct. 3, 1941	1400	52.7
Nov. 4, 1941	1400	54.1
Dec. 2, 1941	1300	53.8
Jan. 5, 1942	1470	53.7
Feb. 2, 1942	1460	53.7
Mar. 6, 1942	1470	53.8
Apr. 3, 1942	1490	53.9
May 1, 1942	1510	54.1
June 17, 1942	1500	-
June 29, 1942	1500	54.3
Jan. 7, 1943	1540	53.8
Mar. 3, 1943	1540	-
Aug. 19, 1944	1780	-
Aug. 21, 1947	2250	-
Feb. 16, 1956	2800	54.0
May 2, 1956	2720	-
Apr. 8, 1957	2700	54.7

N658.		
Nov. 17, 1938	850	54.0
Jan. 4, 1939	940	52.1
Apr. 11, 1939	1010	-
May 16, 1939	1150	-
June 20, 1939	1880	-
July 24, 1939	1900	-
Sept. 1, 1939	1650	-
Sept. 26, 1939	1950	-
Oct. 27, 1939	1900	-
Nov. 30, 1939	2200	-
Jan. 5, 1940	2140	-
Feb. 9, 1940	2100	-
Mar. 6, 1940	2250	-
Apr. 12, 1940	2200	-
May 9, 1940	2250	-

Date of collection	Chloride (ppm)	Temperature (°F)
N662.		
Apr. 11, 1939	70	-
Apr. 21, 1939	130	-
June 20, 1939	137	-
July 24, 1939	165	-
Sept. 1, 1939	146	-
Sept. 26, 1939	152	-
Oct. 27, 1939	141	-
Nov. 30, 1939	37	-
Jan. 5, 1940	17	-
Feb. 9, 1940	7	-
Mar. 6, 1940	6	-
May 9, 1940	120	-
June 17, 1940	170	-
Aug. 26, 1940	220	-
Sept. 24, 1940	206	-
Oct. 28, 1940	210	-
Dec. 31, 1940	32	-
Feb. 26, 1941	6	-
Apr. 10, 1941	18	-
May 15, 1941	92	-
June 17, 1941	130	-
July 11, 1941	210	-
Sept. 2, 1941	214	-
Oct. 3, 1941	148	-
Nov. 4, 1941	110	-
Dec. 2, 1941	34	-
Jan. 5, 1942	8	-
Mar. 6, 1942	37	-
Apr. 3, 1942	24	-
May 1, 1942	142	-
June 29, 1942	227	-
Jan. 7, 1943	6	-
Mar. 3, 1943	6	-
July 30, 1943	297	-
Aug. 19, 1944	264	-
Aug. 21, 1944	275	-
Mar. 26, 1945	322	-
Sept. 17, 1946	290	-
Aug. 21, 1947	286	-
Oct. 21, 1955	440	59.5
Feb. 16, 1956	350	55.0
Apr. 17, 1956	404	-
June 20, 1956	404	-
July 5, 1956	420	-
Sept. 14, 1956	341	60.5
Feb. 7, 1957	340	-
Mar. 15, 1957	360	-
Apr. 8, 1957	370	-
June 14, 1957	370	-
Oct. 22, 1957	243	55.0

N675.		
Aug. 11, 1944	10	-
Mar. 23, 1945	10	-
Mar. 26, 1945	-	55.3
July 16, 1946	10	-
July 1, 1948	3.8	-
May 16, 1950	5.4	55.5
Sept. 14, 1956	3.0	56.0

N693.		
1940	8	-
1942	12	-
May 2, 1944	15	-
Mar. 4, 1952	21	-
Apr. 20, 1953	19	-
Jan. 18, 1954	21	-
May 18, 1954	19	-
Aug. 4, 1954	20	-
Dec. 27, 1954	19	-
Mar. 2, 1955	20	-
Sept. 15, 1959	20	-
Oct. 19, 1960	20	-
Feb. 27, 1962	21	-
May 22, 1962	-	58.6

Date of collection	Chloride (ppm)	Temperature (°F)
N820.		
Apr. 20, 1943	26	-
July 18, 1944	60	-
Oct. 3, 1944	30	-
Apr. 2, 1945	31	-
May 9, 1945	40	-
June 22, 1945	33	-

N821.		
Apr. 20, 1943	15	-
July 18, 1944	9.6	-
May 9, 1945	11	-
June 22, 1945	13	-

N822.		
Apr. 20, 1943	32	-
Oct. 3, 1944	49	-
Jan. 2, 1945	79	-
Apr. 2, 1945	36	-
May 9, 1945	39	-
June 22, 1945	38	-
Oct. 3, 1956	13	-

N823.		
Apr. 20, 1943	140	-
Sept. 13, 1944	33	-
Oct. 10, 1944	220	-
May 9, 1945	93	-
June 22, 1945	86	-
Aug. 14, 1951	46	-

N824.		
Mar. 9, 1943	4.4	-
Oct. 3, 1944	6	-
Oct. 19, 1944	7	-
Jan. 2, 1945	7	-
May 9, 1945	11	-
Oct. 3, 1949	10	-

N825.		
Mar. 9, 1943	8	-
Oct. 26, 1943	6	-
July 18, 1944	8	-
Sept. 13, 1944	22	-
Sept. 24, 1944	24	-
Oct. 3, 1944	21	-
Oct. 10, 1944	23	-
Oct. 24, 1944	22	-
Oct. 30, 1944	21	-
Nov. 6, 1944	25	-
Nov. 13, 1944	25	-
Nov. 20, 1944	26	-
Nov. 28, 1944	28	-
Jan. 2, 1945	34	-
Apr. 2, 1945	38	-
May 9, 1945	43	-
June 22, 1945	43	-
July 7, 1949	52	-
Oct. 3, 1949	44	-
May 16, 1950	49	-
Aug. 10, 1953	55	-

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N826.		
Mar. 9, 1943	29	-
Apr. 20, 1943	18	-
July 18, 1944	27	-
Sept. 13, 1944	86	-
Sept. 24, 1944	86	-
Oct. 3, 1944	78	-
Oct. 10, 1944	100	-
Oct. 19, 1944	105	-
Oct. 24, 1944	87	-
Oct. 30, 1944	83	-
Nov. 6, 1944	93	-
Nov. 13, 1944	109	-
Nov. 20, 1944	112	-
Nov. 28, 1944	107	-
Jan. 2, 1945	93	-
May 9, 1945	150	-
June 22, 1945	153	-
Nov. 10, 1945	128	-
July 12, 1946	48	-
Oct. 8, 1947	90	-
July 15, 1948	170	-
July 7, 1949	196	-
Oct. 3, 1949	200	-

N906.		
Jan. 19, 1939	4	-
Mar. 29, 1939	5	-
Dec. 5, 1939	11	-
Apr. 11, 1940	5	-
Oct. 10, 1940	12	-
Oct. 27, 1942	10	-
Mar. 26, 1945	8	55.0
July 18, 1946	15	-
Jan. 17, 1949	4	-

N1265.		
Mar. 14, 1939	5	49.1
Apr. 21, 1939	8	50.4
June 10, 1939	8	56.5
July 14, 1939	8	60.4
Aug. 1, 1939	8	61.9
Sept. 1, 1939	8	63.9
Oct. 1, 1939	9	63.8
Nov. 1, 1939	13	62.0
Dec. 1, 1939	11	58.2
Jan. 2, 1940	12	54.0
Jan. 31, 1940	13	50.3
Feb. 29, 1940	12	47.1
Apr. 1, 1940	13	46.6
May 1, 1940	17	48.8
May 31, 1940	24	53.0
July 1, 1940	15	52.8
Aug. 1, 1940	7	60.5
Sept. 3, 1940	8	63.0
Oct. 1, 1940	13	62.9
Oct. 31, 1940	6	60.5
Dec. 2, 1940	6	56.4
Jan. 2, 1941	10	54.0
June 30, 1941	15	58.4
July 31, 1941	16	61.4
Aug. 29, 1941	13	63.3
Sept. 30, 1941	10	61.9
Oct. 31, 1941	10	62.8
Dec. 1, 1941	10	58.8
Jan. 2, 1942	10	55.1
Jan. 30, 1942	9	51.3
Feb. 27, 1942	9	48.9
Mar. 31, 1942	8	49.3
July 31, 1942	6	52.2
Oct. 1, 1942	5	64.3
Nov. 27, 1942	7	59.4
Jan. 27, 1943	4	50.3
Mar. 31, 1943	4	48.6
Aug. 25, 1943	4.5	63.4
May 29, 1944	4	56.4
Sept. 4, 1944	5	62.4
Dec. 6, 1944	5	55.3
Mar. 1, 1945	6	47.6
May 30, 1945	6	56.0
Sept. 24, 1945	4	63.8
Mar. 21, 1946	2	49.4
June 6, 1946	2	55.4
Sept. 19, 1946	8	63.0
Dec. 18, 1946	9	56.1
May 21, 1947	7	53.8
Aug. 27, 1947	4	62.5
Dec. 16, 1947	4.5	55.2
Mar. 17, 1948	5	47.5
June 18, 1948	-	56.5

Date of collection	Chloride (ppm)	Temperature (°F)
N1265.--Continued		
Sept. 10, 1948	-	63.2
Jan. 10, 1949	4	52.4
Apr. 7, 1949	-	51.6
June 20, 1949	-	57.2
Sept. 22, 1949	-	63.7
Nov. 2, 1949	-	61.6
Dec. 1, 1949	8	58.5
Jan. 3, 1950	5	54.7
Jan. 27, 1950	6	53.2
Mar. 3, 1950	7	51.0
Apr. 4, 1950	6	50.9
June 16, 1950	6	57.8
Nov. 1, 1950	-	60.8
Feb. 23, 1951	4	49.4
May 8, 1951	5	55.6
July 31, 1951	3	61.8
Nov. 20, 1951	6	58.7
Mar. 5, 1952	8	50.4
May 3, 1952	4	54.4
Sept. 5, 1952	5	65.5
Jan. 12, 1953	8	53.4
Apr. 16, 1953	6	53.2
July 20, 1953	8	62.0
Oct. 3, 1953	6	65.6
Dec. 16, 1953	10	57.3
Feb. 3, 1954	6	52.0

N1266.		
Mar. 14, 1939	3	54.0
Apr. 21, 1939	5	50.4
June 10, 1939	5	55.8
July 17, 1939	5	56.9
Aug. 1, 1939	5	57.1
Sept. 1, 1939	4	57.2
Oct. 1, 1939	5	56.3
Nov. 1, 1939	4	55.7
Dec. 1, 1939	4	54.9
Jan. 2, 1940	5	53.8
Jan. 31, 1940	4	52.7
Feb. 29, 1940	4	52.9
Apr. 1, 1940	6	52.7
May 1, 1940	6	53.9
May 31, 1940	6	54.8
July 1, 1940	5	55.5
Aug. 1, 1940	10	57.3
Oct. 1, 1940	5	57.4
Oct. 31, 1940	4.5	56.1
Dec. 2, 1940	4	54.7
Jan. 2, 1941	11	53.9
Jan. 31, 1941	7	53.8
Mar. 3, 1941	6	53.4
June 30, 1941	7	56.4
July 31, 1941	6	56.8
Aug. 29, 1941	5	56.8
Sept. 30, 1941	5	57.5
Oct. 31, 1941	5	56.6
Dec. 1, 1941	5	55.3
Jan. 2, 1942	5	54.1
Jan. 30, 1942	4	52.3
Mar. 3, 1942	4	52.0
July 31, 1942	6	57.1
Oct. 1, 1942	3	57.6
Nov. 27, 1942	5	55.9
Jan. 27, 1943	4	52.0
Mar. 31, 1943	4	50.6
Aug. 23, 1943	9	58.8
May 29, 1944	3	56.6
Sept. 4, 1944	5	59.7
Dec. 6, 1944	5	53.9
May 1, 1945	5	51.6
May 30, 1945	6	55.9
Sept. 24, 1945	4	59.6
Mar. 21, 1946	2	52.8
June 8, 1946	2	55.5
Sept. 19, 1946	5	60.8
Dec. 18, 1946	5	54.4
May 21, 1947	4	55.0
Aug. 27, 1947	5	57.7
Dec. 16, 1947	3.5	53.8
Mar. 17, 1948	4	51.5
June 18, 1948	-	56.5
Sept. 10, 1948	-	60.0
Jan. 6, 1949	-	53.0
Apr. 7, 1949	-	54.0
June 20, 1949	-	57.2
Sept. 22, 1949	-	57.7
Nov. 2, 1949	-	56.9
Dec. 1, 1949	4	55.8
Jan. 3, 1950	5	54.5
Jan. 27, 1950	6	54.0

Date of collection	Chloride (ppm)	Temperature (°F)
N1266.--Continued		
Mar. 3, 1950	5	51.6
Apr. 4, 1950	8	52.4
June 16, 1950	6	57.4
Nov. 1, 1950	-	56.6
Feb. 23, 1951	5	52.4
May 8, 1951	4	56.1
July 31, 1951	4	58.1
Nov. 20, 1951	4	55.7
Mar. 5, 1952	6	51.3
May 6, 1952	6	55.1
Sept. 5, 1952	5	59.7
Jan. 12, 1953	6	54.0
Apr. 16, 1953	4	54.8
July 20, 1953	8	59.6
Oct. 3, 1953	6	60.4
Dec. 16, 1953	6	55.3
Feb. 3, 1954	6	53.5

N1267.		
June 10, 1939	6	-
July 14, 1939	6	-
Aug. 1, 1939	5	-
Sept. 2, 1939	6	-
May 31, 1940	9	-
Oct. 31, 1940	8	-
May 29, 1944	7	-
Sept. 4, 1944	6	-
Dec. 6, 1944	5	-
Mar. 6, 1952	6	-
Oct. 3, 1953	6	62.0
Dec. 16, 1953	10	-
Feb. 3, 1954	8	-

N1269.		
Mar. 14, 1939	10	47.3
Apr. 21, 1939	10	48.2
June 10, 1939	10	55.2
July 14, 1939	10	60.4
Aug. 1, 1939	10	62.2
Sept. 2, 1939	12	65.0
Oct. 1, 1939	11	64.9
Nov. 1, 1939	10	62.6
Dec. 1, 1939	10	58.0
Jan. 2, 1940	11	53.1
Jan. 31, 1940	10	48.7
Feb. 29, 1940	-	46.2
Apr. 1, 1940	11	45.8
May 1, 1940	12	47.5
May 31, 1940	12	51.6
July 1, 1940	7	55.8
Aug. 1, 1940	8	60.2
Sept. 3, 1940	11	63.8
Oct. 1, 1940	13	63.3
Oct. 31, 1940	12	61.0
Dec. 2, 1940	13	56.8
Jan. 2, 1941	16	52.6
Jan. 31, 1941	16	49.3
Mar. 3, 1941	12	46.6
Mar. 31, 1941	13	45.4
May 5, 1941	12	50.0
June 3, 1941	14	54.5
June 30, 1941	17	56.4
July 31, 1941	27	62.2
Aug. 29, 1941	23	64.5
Sept. 30, 1941	20	63.7
Oct. 31, 1941	21	63.2
Dec. 1, 1941	19	58.8
Jan. 2, 1942	19	54.5
Jan. 30, 1942	13	50.9
Feb. 27, 1942	12	48.4
Mar. 31, 1942	9	48.6
May 29, 1942	8	54.3
Mar. 31, 1943	8	47.2
May 29, 1944	11	53.0
Sept. 5, 1944	8	64.2
Dec. 6, 1944	8	56.3
Mar. 1, 1945	5	46.6
May 30, 1945	11	54.8
Sept. 11, 1945	8	66.0
Dec. 7, 1945	4	56.1
Mar. 21, 1946	6	47.4
June 6, 1946	4	54.8
Sept. 19, 1946	10	64.2
Dec. 18, 1946	5	56.9
May 21, 1947	7	51.4
Aug. 27, 1947	-	64.0
Dec. 16, 1947	12	53.9
Mar. 17, 1948	7	46.3
June 18, 1948	-	56.1

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1269.--Continued		
Sept. 9, 1948	-	66.2
Jan. 6, 1949	-	52.6
Apr. 6, 1949	-	50.8
June 15, 1949	-	57.9
Sept. 22, 1949	-	64.3
Nov. 2, 1949	-	61.7
Dec. 1, 1949	12	58.1
Jan. 3, 1950	8	53.8
Jan. 27, 1950	6	52.0
Mar. 3, 1950	6	47.6
Apr. 4, 1950	8	48.6
June 15, 1950	6	55.9
Nov. 1, 1950	8	61.7
Feb. 23, 1951	11	49.2
May 8, 1951	23	54.0
July 31, 1951	24	63.2
Nov. 20, 1951	9	59.9
Mar. 5, 1952	14	49.4
May 7, 1952	30	52.2
Sept. 5, 1952	18	66.2
Jan. 13, 1953	8	43.2
Apr. 16, 1953	18	51.9
July 20, 1953	20	62.5
Oct. 3, 1953	36	65.8
Nov. 5, 1953	20	62.3
Dec. 16, 1953	20	57.8
Feb. 3, 1954	16	52.3
Apr. 8, 1954	16	51.7
June 9, 1954	16	54.6
July 7, 1954	16	59.4
Sept. 2, 1954	6	64.2
Dec. 15, 1954	6	54.5
Apr. 7, 1955	-	52.0
July 18, 1955	-	60.3
Oct. 12, 1955	-	67.0
Apr. 3, 1956	14	48.6
Oct. 10, 1956	12	63.5
June 10, 1957	16	57.5
Oct. 10, 1957	-	65.7
May 8, 1962	17	52.8

N1270.		
Mar. 14, 1939	3	-
Apr. 21, 1939	5	-
June 10, 1939	5	-
July 14, 1939	6	-
Feb. 27, 1942	5	54.1
Mar. 31, 1942	7	54.1
May 29, 1942	5	54.5
Oct. 1, 1942	6	54.8
Nov. 27, 1942	7	51.1
Jan. 27, 1943	6	54.6
Mar. 31, 1943	4	53.9
May 29, 1944	5	53.8
Sept. 5, 1944	6	54.7
Dec. 16, 1944	11	54.6
Mar. 1, 1945	6	52.2
May 30, 1945	6	54.2
Sept. 11, 1945	5	58.0
Dec. 7, 1945	2	55.0
Mar. 21, 1946	2	52.6
June 6, 1946	2	54.2
Sept. 19, 1946	5	57.5
Dec. 18, 1946	5	55.6
May 21, 1947	10	52.1
Aug. 27, 1947	5	55.3
Dec. 16, 1947	12	53.0
Mar. 18, 1948	10	51.3
June 18, 1948	-	55.0
Sept. 9, 1948	-	57.0
Jan. 6, 1949	-	54.4
Apr. 6, 1949	-	54.8
June 20, 1949	-	55.6
Sept. 22, 1949	-	56.2
Nov. 2, 1949	-	56.5
Dec. 1, 1949	8	55.9
Jan. 3, 1950	8	55.3
Jan. 27, 1950	8	54.5
Mar. 3, 1950	6	49.6
Apr. 4, 1950	7	53.9
June 16, 1950	7	55.6
Nov. 1, 1950	5	56.4
Feb. 23, 1951	6	53.3
May 8, 1951	5	55.3
July 31, 1951	4	57.4
Nov. 20, 1951	9	56.5
Mar. 5, 1952	6	54.5
May 7, 1952	4	54.7
Sept. 5, 1952	5	56.8

Date of collection	Chloride (ppm)	Temperature (°F)
N1270.--Continued		
Jan. 13, 1953	6	56.8
Apr. 16, 1953	6	54.8
July 20, 1953	8	58.2
Oct. 3, 1953	8	57.6
Nov. 5, 1953	6	56.5
Dec. 16, 1953	14	56.6
Feb. 3, 1954	8	54.0
Apr. 8, 1954	8	56.0
June 9, 1954	12	54.9
Sept. 2, 1954	6	56.6
Dec. 15, 1954	5	55.5
Apr. 7, 1955	-	54.2
July 18, 1955	-	58.3
Oct. 12, 1955	-	61.4
Oct. 10, 1956	4	58.2
June 10, 1957	9	55.7
May 8, 1962	9	54.8

N1271.		
Mar. 14, 1939	4	47.3
Apr. 21, 1939	7	47.6
June 10, 1939	16	52.4
July 14, 1939	18	57.9
Aug. 1, 1939	16	59.9
Sept. 2, 1939	11	63.5
Oct. 1, 1939	11	64.5
Nov. 1, 1939	13	62.6
Dec. 1, 1939	10	58.5
Jan. 2, 1940	13	54.1
Jan. 31, 1940	18	49.8
Feb. 29, 1940	17	47.0
Apr. 1, 1940	11	45.4
May 1, 1940	5	46.7
May 31, 1940	5	50.0
July 1, 1940	3	54.4
Aug. 1, 1940	6	58.8
Sept. 3, 1940	10	62.7
Oct. 1, 1940	10	63.1
Oct. 31, 1940	12	61.6
Dec. 2, 1940	10	57.5
Jan. 2, 1941	8	53.5
Jan. 31, 1941	11	49.6
Mar. 3, 1941	6	46.7
Mar. 31, 1941	9	45.8
May 5, 1941	11	48.4
June 3, 1941	8	52.3
June 30, 1941	7	56.0
July 31, 1941	4	59.9
Aug. 29, 1941	9	63.1
Sept. 30, 1941	12	62.6
Oct. 31, 1941	12	63.2
Dec. 1, 1941	9	59.1
Jan. 2, 1942	10	53.8
Jan. 30, 1942	13	50.5
Feb. 27, 1942	12	46.8
Mar. 31, 1942	10	46.6
May 29, 1942	14	52.1
July 31, 1942	8	61.6
Oct. 1, 1942	6	64.3
Nov. 27, 1942	10	59.2
Jan. 27, 1943	10	49.7
Mar. 31, 1943	11	46.2
Aug. 25, 1943	13	63.1
May 29, 1944	5	51.5
Sept. 5, 1944	10	63.5
Dec. 6, 1944	33	56.0
Mar. 1, 1945	6	44.5
May 30, 1945	10	57.2
Sept. 24, 1945	10	63.8
Dec. 7, 1945	4	56.4
Mar. 21, 1946	4	46.7
June 6, 1946	2	53.0
Sept. 19, 1946	20	62.8
Dec. 18, 1946	10	57.0
May 21, 1947	9	51.0
Aug. 27, 1947	-	63.1
Dec. 16, 1947	6.5	55.5
Mar. 17, 1948	10	46.0
June 18, 1948	-	54.5
Sept. 9, 1948	-	64.0
Jan. 6, 1949	-	51.6
Apr. 7, 1949	-	48.3
June 15, 1949	16	55.2
Sept. 22, 1949	-	64.3
Nov. 2, 1949	-	62.8
Dec. 1, 1949	14	59.6
Jan. 3, 1950	9	54.0
Jan. 27, 1950	8	52.0
Mar. 3, 1950	7	45.8

Date of collection	Chloride (ppm)	Temperature (°F)
N1271.--Continued		
Apr. 4, 1950	10	46.6
June 16, 1950	13	54.6
Nov. 2, 1950	10	60.7
Feb. 20, 1951	23	45.9
May 28, 1951	20	51.9
July 31, 1951	11	62.7
Nov. 20, 1951	14	55.5
Mar. 5, 1952	10	44.1
May 7, 1952	10	48.4
Sept. 5, 1952	7	66.7
Jan. 3, 1953	12	50.0
July 20, 1953	8	59.8
Oct. 5, 1953	4	65.4
Dec. 16, 1953	-	53.8
Feb. 3, 1954	54	49.0
Apr. 8, 1954	12	47.4
June 9, 1954	28	52.5
July 7, 1954	28	57.7
Sept. 2, 1954	2	67.8
Dec. 15, 1954	5	52.3
Apr. 7, 1955	-	45.5
July 18, 1955	-	61.5
Apr. 3, 1956	7	43.8
Oct. 10, 1956	12	61.4
June 10, 1957	28	54.0
May 8, 1962	20	52.3

N1272.		
Mar. 14, 1939	3	52.0
Apr. 21, 1939	5	50.1
June 10, 1939	5	54.8
July 15, 1939	5	57.0
Aug. 1, 1939	5	58.1
Sept. 2, 1939	5	57.1
Oct. 1, 1939	4	57.4
Nov. 1, 1939	4	56.3
Dec. 1, 1939	2	54.7
Jan. 2, 1940	6	51.9
Feb. 29, 1940	4	-
May 1, 1940	5	50.7
May 31, 1940	5	-
July 1, 1940	4	-
Aug. 1, 1940	4	-
Sept. 3, 1940	6	-
Oct. 1, 1940	6	-
Oct. 31, 1940	7	-
Feb. 27, 1942	4	54.0
Mar. 31, 1942	4	52.3
May 29, 1942	11	52.2
July 31, 1942	5	54.3
Oct. 1, 1942	5	57.4
Nov. 27, 1942	4	57.7
Jan. 27, 1943	6	55.1
Mar. 31, 1943	9	52.2
Aug. 25, 1943	10	55.8
May 29, 1944	7	51.6
Sept. 5, 1944	6	56.0
Dec. 6, 1944	5	56.1
Mar. 1, 1945	6	52.0
May 30, 1945	6	52.1
Sept. 24, 1945	7	57.0
Dec. 7, 1945	4	56.4
Mar. 21, 1946	6	51.0
June 6, 1946	2	51.9
Sept. 19, 1946	5	57.3
Dec. 18, 1946	5	56.6
May 21, 1947	10	52.2
Aug. 27, 1947	-	55.3
Dec. 16, 1947	9.5	56.3
Mar. 17, 1948	10	51.0
June 18, 1948	-	52.5
Sept. 9, 1948	-	56.5
Jan. 6, 1949	-	54.4
Apr. 4, 1949	-	52.6
June 15, 1949	-	53.3
Sept. 22, 1949	-	56.8
Nov. 2, 1949	-	57.6
Dec. 1, 1949	12	57.4
Jan. 3, 1950	13	56.2
Jan. 27, 1950	13	54.8
Mar. 3, 1950	13	52.2
Apr. 4, 1950	13	52.5
June 16, 1950	13	54.0
Nov. 2, 1950	14	56.3
Feb. 20, 1951	13	52.0
May 8, 1951	12	51.5
July 31, 1951	13	55.7
Nov. 20, 1951	9	57.3
Mar. 5, 1952	20	50.8

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1272.--Continued		
May 7, 1952	22	50.0
Sept. 5, 1952	34	57.8
Jan. 13, 1953	36	55.8
July 20, 1953	20	54.2
Oct. 5, 1953	30	57.8
Dec. 16, 1953	20	56.0
Feb. 3, 1954	20	53.0
Apr. 8, 1954	16	51.9

N1273.		
Nov. 1, 1939	23	59.2
Dec. 4, 1939	14	54.9
Jan. 2, 1940	16	51.5
Jan. 31, 1940	14	48.1
Feb. 29, 1940	11	45.9
Apr. 1, 1940	12	45.7
May 1, 1940	8	47.6
May 31, 1940	10	51.5
July 1, 1940	15	55.0
Aug. 1, 1940	14	58.1
Sept. 3, 1940	15	60.5
Oct. 1, 1940	15	60.4
Oct. 31, 1940	16	58.7
Dec. 2, 1940	14	55.0
Jan. 2, 1941	18	52.1
Jan. 31, 1941	14	49.8
Mar. 3, 1941	19	48.3
Mar. 31, 1941	26	47.8
May 5, 1941	30	51.0
June 3, 1941	35	53.3
June 30, 1941	15	55.7
July 31, 1941	18	58.4
Aug. 29, 1941	17	60.1
Sept. 30, 1941	20	59.2
Oct. 31, 1941	19	59.0
Dec. 1, 1941	17	55.5
Jan. 2, 1942	4	52.2
Jan. 30, 1942	16	49.2
Feb. 27, 1942	14	48.6
Mar. 31, 1942	18	47.6
May 29, 1942	14	53.3
Oct. 1, 1942	12	61.6
Jan. 27, 1943	13	48.9
Mar. 31, 1943	16	48.4
May 29, 1944	19	53.5
Sept. 4, 1944	22	60.6
Dec. 6, 1944	15	53.9
Mar. 1, 1945	12	46.1
May 30, 1945	20	53.8
Sept. 11, 1945	20	61.0
Dec. 7, 1945	4	54.9
Mar. 21, 1946	6	49.4
June 5, 1946	6	54.6
Sept. 19, 1946	25	60.7
Dec. 18, 1946	20	54.5
May 20, 1947	10	52.3
Aug. 26, 1947	15	60.6
Dec. 15, 1947	17	54.5
Mar. 17, 1948	40	48.5
June 18, 1948	-	55.0
Sept. 13, 1948	-	61.0
Jan. 6, 1949	-	51.7
Apr. 6, 1949	-	51.2
June 15, 1949	-	56.9
Sept. 27, 1949	-	61.4
Nov. 2, 1949	-	60.4
Dec. 5, 1949	18	55.8
Jan. 3, 1950	18	53.7
Jan. 27, 1950	15	51.5
Mar. 2, 1950	15	48.5
Apr. 4, 1950	16	49.1
June 16, 1950	15	55.3
Nov. 2, 1950	14	59.4
Feb. 20, 1951	20	50.0
May 8, 1951	64	53.2
July 31, 1951	35	59.2
Nov. 20, 1951	15	56.6
Mar. 5, 1952	50	50.6
May 7, 1952	42	52.7
Sept. 5, 1952	37	61.5
Jan. 13, 1953	20	51.1
Apr. 16, 1953	12	50.5
July 15, 1953	34	59.4
Oct. 5, 1953	18	61.4
Dec. 15, 1953	16	55.2
Feb. 2, 1954	16	50.5
Apr. 7, 1954	12	50.7
June 8, 1954	16	55.2
July 7, 1954	12	58.0

Date of collection	Chloride (ppm)	Temperature (°F)
N1273.--Continued		
Sept. 1, 1954	12	60.6
Dec. 10, 1954	-	55.5
Apr. 7, 1955	-	50.2
Oct. 12, 1955	-	63.0
Apr. 3, 1956	17	48.6
June 10, 1957	14	55.4
Oct. 16, 1957	-	60.3
May 7, 1962	20	54.2

N1274.		
Feb. 27, 1942	5	49.4
Mar. 31, 1942	6	50.5
May 29, 1942	5	53.0
Nov. 27, 1942	5	46.0
Jan. 27, 1943	4	50.4
Mar. 31, 1943	5	51.4
May 29, 1944	5	54.0
Sept. 4, 1944	5	56.2
Dec. 6, 1944	4	52.0
Mar. 1, 1945	6	49.7
May 30, 1945	6	54.0
Sept. 11, 1945	-	58.8
Dec. 7, 1945	2	52.6
Feb. 21, 1946	2	51.7
June 5, 1946	2	53.7
Sept. 19, 1946	10	57.4
Dec. 18, 1946	5	52.9
May 20, 1947	5	54.4
Aug. 26, 1947	5	55.9
Dec. 15, 1947	4	52.5
Mar. 18, 1948	5	51.3
June 18, 1948	-	55.0
Sept. 13, 1948	-	57.7
Jan. 6, 1949	-	51.8
Apr. 6, 1949	-	52.7
June 15, 1949	10	55.8
Sept. 27, 1949	-	56.8
Nov. 2, 1949	-	55.4
Dec. 5, 1949	6	54.0
Jan. 3, 1950	6	54.0
Jan. 27, 1950	8	52.7
Mar. 2, 1950	7	52.2
Apr. 4, 1950	7	53.2
June 16, 1950	6	55.6
Nov. 2, 1950	5	56.2
Feb. 20, 1951	7	53.8
May 8, 1951	5	54.7
July 31, 1951	4	56.9
Nov. 25, 1951	3	53.9
Mar. 5, 1952	5	53.1
May 7, 1952	3	54.0
Sept. 5, 1952	6	55.3
Jan. 13, 1953	8	52.5
Apr. 16, 1953	6	53.3
July 15, 1953	10	55.3
Oct. 5, 1953	8	54.2
Dec. 15, 1953	12	54.0
Feb. 2, 1954	8	54.5
Apr. 7, 1954	6	55.6
June 8, 1954	6	55.8
July 7, 1954	6	55.8
Sept. 1, 1954	4	56.5
Dec. 10, 1954	4	54.0
Apr. 7, 1955	-	53.2
July 18, 1955	-	56.7
Oct. 12, 1955	-	59.0
June 10, 1957	6	53.3
Oct. 10, 1957	-	56.0
May 7, 1962	6	56.0

N1275		
Nov. 1, 1939	6	62.0
Dec. 1, 1939	5	57.4
Jan. 2, 1940	5	53.0
Jan. 31, 1940	4	48.9
Feb. 29, 1940	3.5	46.2
Apr. 1, 1940	2	45.1
May 1, 1940	4	46.6
May 31, 1940	8	48.1
July 1, 1940	7	54.8
Aug. 1, 1940	13	58.9
Sept. 3, 1940	6	62.5
Oct. 1, 1940	7	62.6
Oct. 31, 1940	6	60.6
Dec. 2, 1940	8	56.3
Jan. 2, 1941	8	52.1
Jan. 31, 1941	8	48.6
Mar. 3, 1941	7	46.0

Date of collection	Chloride (ppm)	Temperature (°F)
N1275.--Continued		
Mar. 31, 1941	8	44.7
May 5, 1941	8	47.9
June 3, 1941	6	52.1
June 30, 1941	8	56.2
July 31, 1941	8	60.2
Aug. 29, 1941	5	62.6
Sept. 30, 1941	6	61.7
Oct. 31, 1941	9	61.8
Dec. 1, 1941	8	57.3
Jan. 2, 1942	8	53.0
Jan. 30, 1942	8	49.5
Feb. 27, 1942	6.5	50.1
Mar. 31, 1942	4	46.6
May 29, 1942	13	52.7
July 31, 1942	6	62.4
Oct. 1, 1942	6	64.8
Nov. 27, 1942	6	56.3
Jan. 27, 1943	4	47.3
Mar. 31, 1943	5	44.9
May 30, 1944	5	51.0
Sept. 4, 1944	8	62.7
Dec. 6, 1944	6	54.1
Mar. 1, 1945	6	42.4
May 30, 1945	6	52.8
Sept. 11, 1945	6	63.2
Mar. 21, 1946	4	45.5
June 5, 1946	4	52.8
Sept. 19, 1946	7	62.4
Dec. 19, 1946	6	54.8
May 20, 1947	4	50.5
Aug. 26, 1947	7	61.9
Dec. 15, 1947	11	54.5
Mar. 17, 1948	6	44.5
June 18, 1948	-	53.3
Sept. 13, 1948	-	63.1
Jan. 6, 1949	-	50.5
Apr. 6, 1949	-	56.2
June 15, 1949	8	59.1
Sept. 21, 1949	-	64.5
Nov. 2, 1949	-	62.6
Dec. 1, 1949	8	58.0
Jan. 3, 1950	8	53.6
Jan. 27, 1950	8	51.0
Mar. 3, 1950	5	46.8
Apr. 4, 1950	8	47.5
June 16, 1950	17	56.4
Nov. 2, 1950	7	61.4
Feb. 20, 1951	33	47.5
May 8, 1951	11	51.7
July 31, 1951	13	62.7
Nov. 20, 1951	6	59.0
Mar. 5, 1952	6	46.0
May 7, 1952	6	49.8
Sept. 5, 1952	6	66.0
Jan. 12, 1953	4	51.1
Apr. 15, 1953	8	49.5
July 15, 1953	10	61.1
Oct. 5, 1953	8	66.0
Dec. 15, 1953	18	56.9
Feb. 2, 1954	6	49.7
Apr. 7, 1954	6	49.3
June 8, 1954	10	54.9
July 6, 1954	8	59.5
Sept. 1, 1954	6	66.2
Dec. 10, 1954	4	54.6
Apr. 7, 1955	-	47.4
Oct. 12, 1955	-	67.2
Apr. 3, 1956	9	46.1
Oct. 15, 1956	11	63.2
June 10, 1957	12	55.2
Oct. 10, 1957	-	65.7
May 7, 1962	26	51.0

N1276		
Nov. 1, 1939	1450	-
Dec. 1, 1939	1200	-
Feb. 29, 1940	1200	-
Feb. 27, 1942	950	52.8
Mar. 31, 1942	850	50.0
May 29, 1942	940	52.4
July 31, 1942	980	52.9
Oct. 1, 1942	900	55.1
Nov. 27, 1942	910	54.7
Jan. 27, 1943	860	52.8
Mar. 31, 1943	770	50.9
May 30, 1944	800	51.9
Sept. 4, 1944	1000	54.2
Dec. 6, 1944	870	53.7
Mar. 1, 1945	780	51.0

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1276.--Continued		
May 30, 1945	760	52.3
Sept. 19, 1946	770	56.4
Dec. 19, 1946	750	53.5
May 21, 1947	740	51.9
Aug. 26, 1947	770	54.0
Dec. 15, 1947	730	54.0
Mar. 17, 1948	900	50.0
June 18, 1948	-	52.5
Sept. 13, 1948	-	55.6
Jan. 6, 1949	-	52.2
Apr. 6, 1949	-	50.8
June 15, 1949	-	57.5
Sept. 21, 1949	-	54.6
Nov. 2, 1949	-	55.1
Dec. 1, 1949	800	56.2
Jan. 3, 1950	902	54.6
Jan. 27, 1950	730	54.3
Mar. 3, 1950	650	51.4
Apr. 4, 1950	850	53.6
June 16, 1950	570	54.4
Nov. 2, 1950	1100	54.6
Feb. 20, 1951	950	52.0
May 8, 1951	610	52.0
July 31, 1951	800	54.3
Nov. 20, 1951	750	54.5
Mar. 5, 1952	650	52.3
May 7, 1952	700	51.7
Sept. 5, 1952	650	55.3
Jan. 12, 1953	800	54.5
Apr. 15, 1953	600	52.8
July 15, 1953	600	54.0
Oct. 5, 1953	720	55.6
Dec. 15, 1953	580	54.6
Feb. 2, 1954	640	54.0
Apr. 7, 1954	528	54.0
June 8, 1954	620	54.1
July 6, 1954	620	54.6
Sept. 1, 1954	620	56.0
Dec. 10, 1954	-	56.5
Apr. 7, 1955	-	51.0
Oct. 12, 1955	-	60.4
Apr. 3, 1956	700	51.3
Oct. 15, 1956	630	56.4
June 10, 1957	596	53.2
Oct. 10, 1957	-	58.1
May 7, 1962	300	55.3

N1277.		
May 29, 1942	6	53.0
July 31, 1942	5	53.4
Oct. 1, 1942	-	54.0
Nov. 27, 1942	4	53.2
Jan. 27, 1943	6	52.3
Mar. 31, 1943	4.5	51.9
May 30, 1944	6	52.7
Sept. 4, 1944	6	54.4
Dec. 6, 1944	-	53.0
Mar. 1, 1945	5	51.6
May 30, 1945	6	52.8
Sept. 11, 1945	5	54.5
Mar. 21, 1946	2	52.1
June 5, 1946	2	52.8
Sept. 19, 1946	7	54.7
Oct. 19, 1946	5	52.8
May 20, 1947	5	52.7
Aug. 26, 1947	6	54.2
Dec. 15, 1947	-	53.0
June 18, 1948	-	53.5
Sept. 13, 1948	-	55.8
Jan. 6, 1949	-	52.2
Apr. 6, 1949	-	50.6
June 15, 1949	10	58.1
Sept. 21, 1949	-	55.8
Nov. 2, 1949	-	54.6
Oct. 1, 1949	2	56.2
Jan. 3, 1950	6	53.5
Jan. 27, 1950	4	52.6
Mar. 3, 1950	6	51.1
Apr. 4, 1950	8	52.1
June 16, 1950	5	55.5
Nov. 2, 1950	5	53.6
Feb. 20, 1951	4	52.5
May 8, 1951	4	52.8
July 31, 1951	3	54.6
Nov. 20, 1951	4	53.9
Mar. 5, 1952	4	52.8
May 7, 1952	4	52.5
Sept. 5, 1952	5	55.3
Jan. 13, 1953	8	52.9
Apr. 15, 1953	6	52.8

Date of collection	Chloride (ppm)	Temperature (°F)
N1277.--Continued		
July 15, 1953	8	54.4
Oct. 5, 1953	10	55.1
Dec. 15, 1953	12	53.4
Feb. 2, 1954	6	52.9
Apr. 7, 1954	8	53.3
June 8, 1954	6	54.3
July 6, 1954	8	56.6
Sept. 1, 1954	4	54.5
Dec. 10, 1954	-	54.2
Apr. 7, 1955	-	52.2
July 18, 1955	-	56.6
Apr. 3, 1956	7	52.7
Oct. 15, 1956	5	57.0
June 10, 1957	7	54.2
Oct. 10, 1957	-	57.3
May 7, 1962	6	54.8

N1278.		
Nov. 3, 1939	10	62.1
Dec. 1, 1939	8	58.5
Jan. 2, 1940	8	53.4
Jan. 31, 1940	6	50.9
Feb. 29, 1940	6	48.2
Apr. 1, 1940	3	46.7
May 1, 1940	4	47.9
May 31, 1940	4	50.9
July 1, 1940	4	55.1
Aug. 1, 1940	9	59.5
Sept. 3, 1940	9	62.0
Oct. 1, 1940	7	62.5
Oct. 31, 1940	7	60.8
Dec. 2, 1940	9	57.3
Jan. 2, 1941	12	53.5
Jan. 31, 1941	17	50.8
Mar. 3, 1941	18	48.1
Mar. 31, 1941	-	46.3
May 5, 1941	20	49.0
June 3, 1941	17	52.6
June 30, 1941	14	56.2
July 31, 1941	13	60.5
Aug. 29, 1941	11	63.1
Sept. 30, 1941	10	62.5
Oct. 31, 1941	15	62.4
Dec. 1, 1941	11	56.8
Jan. 2, 1942	12	54.9
Jan. 30, 1942	9	51.5
Feb. 27, 1942	17	49.2
Mar. 31, 1942	21	48.0
May 29, 1942	15	53.8
July 31, 1942	5	60.7
Oct. 1, 1942	5	64.2
Nov. 27, 1942	11	59.1
Jan. 27, 1943	19	50.6
Mar. 31, 1943	19	47.2
May 30, 1944	3	52.1
Sept. 4, 1944	9	64.8
Dec. 6, 1944	8	56.5
Mar. 1, 1945	32	47.0
May 30, 1945	5	52.8
Sept. 11, 1945	5	63.5
Dec. 7, 1945	2	56.4
Mar. 21, 1946	4	47.1
June 5, 1946	4	53.1
Sept. 19, 1946	12	63.7
Dec. 19, 1946	8	56.8
May 21, 1947	7	51.5
Aug. 27, 1947	11	63.3
Dec. 15, 1947	10	56.0
Mar. 17, 1948	12	46.5
June 18, 1948	-	55.0
Sept. 10, 1948	-	65.0
Jan. 6, 1949	-	53.3
Apr. 7, 1949	-	48.8
June 20, 1949	-	56.8
Sept. 22, 1949	-	64.8
Nov. 2, 1949	-	62.9
Dec. 1, 1949	16	59.2
Jan. 3, 1950	13	55.0
Jan. 27, 1950	15	52.7
Mar. 2, 1950	11	49.1
Apr. 4, 1950	8	48.9
June 16, 1950	6	56.4
Nov. 2, 1950	17	61.5
Feb. 23, 1951	16	48.6
May 8, 1951	25	52.0
July 31, 1951	20	62.2
Nov. 20, 1951	16	57.8
Mar. 5, 1952	20	48.8
May 7, 1952	26	50.5
Sept. 5, 1952	25	64.9

Date of collection	Chloride (ppm)	Temperature (°F)
N1278.--Continued		
Jan. 13, 1953	20	53.9
Apr. 15, 1953	14	50.5
July 15, 1953	24	60.3
Oct. 5, 1953	20	64.9
Dec. 15, 1953	14	57.7
Feb. 2, 1954	20	52.2
Apr. 7, 1954	8	49.8
June 8, 1954	20	55.3
July 6, 1954	26	58.9
Sept. 1, 1954	18	63.8
Dec. 10, 1954	9	54.6
Apr. 7, 1955	-	48.4
July 18, 1955	-	61.1
Apr. 3, 1956	18	47.5
Oct. 15, 1956	18	61.6
June 10, 1957	15	57.0
Oct. 11, 1957	-	64.0
May 7, 1962	14	51.5

N1279.		
Nov. 3, 1939	11	53.7
Dec. 4, 1939	3	53.6
Jan. 2, 1940	6	54.0
Jan. 31, 1940	5	53.3
Feb. 29, 1940	-	53.2
Apr. 1, 1940	5	53.3
May 1, 1940	4.5	53.4
May 31, 1940	4	53.5
July 1, 1940	4	53.8
Aug. 1, 1940	4	54.4
Sept. 3, 1940	6	54.8
Oct. 1, 1940	4	54.2
Oct. 31, 1940	4	53.9
Dec. 2, 1940	4	53.6
Jan. 2, 1941	5	53.6
Jan. 31, 1941	11	53.3
Mar. 3, 1941	6	53.2
Mar. 31, 1941	5	53.2
May 5, 1941	4.5	53.3
June 3, 1941	5	53.6
June 30, 1941	4.5	53.9
July 31, 1941	6	54.2
Aug. 29, 1941	5	54.2
Sept. 30, 1941	7	53.9
Oct. 31, 1941	5	55.6
Dec. 1, 1941	5	53.8
Jan. 2, 1942	4.5	53.3
Jan. 30, 1942	4	53.1
Feb. 27, 1942	4	52.3
Mar. 31, 1942	3	53.0
May 29, 1942	6	54.1
July 31, 1942	5	54.7
Oct. 1, 1942	5	55.1
Nov. 27, 1942	4	54.4
Jan. 27, 1943	15	52.4
Mar. 31, 1943	4	51.8
May 30, 1944	4	53.8
Sept. 4, 1944	7	56.0
Dec. 6, 1944	5	54.2
Mar. 1, 1945	6	51.2
May 30, 1945	5	53.4
Sept. 11, 1945	4	56.1
Dec. 7, 1945	2	54.6
Mar. 21, 1946	2	51.6
June 5, 1946	2	53.5
Sept. 19, 1946	3	56.3
Dec. 19, 1946	3	53.8
May 21, 1947	3	53.5
Aug. 27, 1947	5	55.1
Dec. 15, 1947	6	55.5
Mar. 17, 1948	4	51.5
June 18, 1948	-	54.5
Sept. 10, 1948	-	57.6
Jan. 6, 1949	-	53.7
Apr. 7, 1949	6	53.2
June 20, 1949	-	54.2
Sept. 22, 1949	-	55.4
Nov. 2, 1949	-	55.0
Dec. 1, 1949	4	56.7
Jan. 3, 1950	6	54.2
Jan. 27, 1950	7	54.2
Mar. 2, 1950	5	52.2
Apr. 4, 1950	6	53.7
June 16, 1950	6	55.3
Nov. 2, 1950	6	55.3
Feb. 23, 1951	4	52.5
May 8, 1951	7	53.5
July 31, 1951	6	55.0
Nov. 20, 1951	4	55.0
Mar. 5, 1952	5	53.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1279.--Continued		
May 7, 1952	5	53.9
Sept. 5, 1952	5	55.7
Jan. 13, 1953	6	53.2
Apr. 15, 1953	6	53.5
July 15, 1953	8	54.7
Oct. 5, 1953	8	55.0
Dec. 15, 1953	12	54.2
Feb. 2, 1954	6	54.0
Apr. 7, 1954	6	54.0
June 8, 1954	6	55.3
July 6, 1954	6	55.8
Sept. 1, 1954	4	55.3
Dec. 10, 1954	4	55.0
Apr. 7, 1955	-	51.8
July 18, 1955	-	56.1
Apr. 3, 1956	7	-
Oct. 15, 1956	5	56.9
June 11, 1957	5	54.7
Oct. 11, 1957	-	58.9
May 7, 1962	5	54.4

N1280.		
Jan. 2, 1940	10	54.2
Jan. 31, 1940	7	53.1
Feb. 29, 1940	6	52.5
Apr. 1, 1940	6	51.4
May 1, 1940	6	50.8
May 31, 1940	6	50.7
July 1, 1940	6	50.9
Aug. 1, 1940	6	52.7
Oct. 1, 1940	5	53.7
Oct. 31, 1940	5	53.6
Dec. 2, 1940	6.5	53.5
Jan. 2, 1941	9	53.3
Jan. 31, 1941	9	52.6
Mar. 3, 1941	8	51.7
Mar. 31, 1941	7	51.2
May 5, 1941	6	50.8
June 3, 1941	4.5	50.8
June 30, 1941	9	51.2
July 31, 1941	6	52.2
Aug. 29, 1941	6	54.0
Oct. 31, 1941	6	54.3
Dec. 1, 1941	5	54.6
Jan. 2, 1942	6	54.0
Jan. 30, 1942	5	53.1
Feb. 27, 1942	15	49.7
Mar. 31, 1942	4	50.1
May 29, 1942	5	51.3
Mar. 31, 1943	5	50.0
May 30, 1944	8	51.3
Sept. 4, 1944	8	53.8
Dec. 6, 1944	13	54.1
Mar. 1, 1945	7	50.6
May 30, 1945	9	52.1
Sept. 11, 1945	7	54.3
Dec. 7, 1945	2	53.8
Mar. 21, 1946	4	51.1
June 5, 1946	2	51.4
Sept. 19, 1946	5	55.5
Dec. 19, 1946	4	54.3
May 21, 1947	4	51.8
Aug. 27, 1947	7	53.6
Dec. 15, 1947	9	54.5
Mar. 17, 1948	5	51.8
June 18, 1948	-	52.8
Sept. 10, 1948	-	56.0
Jan. 6, 1949	8	53.4
Apr. 7, 1949	6	52.4
June 20, 1949	4	52.6
Sept. 27, 1949	-	56.0
Nov. 2, 1949	-	56.3
Dec. 1, 1949	-	55.3
Jan. 3, 1950	12	55.0
Jan. 27, 1950	13	54.0
Mar. 2, 1950	11	51.8
Apr. 4, 1950	10	52.6
June 16, 1950	7	54.8
Nov. 2, 1950	10	54.6
Feb. 23, 1951	11	51.2
May 8, 1951	11	52.7
July 31, 1951	8	54.1
Nov. 20, 1951	8	55.2
Mar. 5, 1952	8	52.5
May 7, 1952	8	52.4
Sept. 5, 1952	6	57.1
Jan. 13, 1953	10	53.1
Apr. 15, 1953	12	53.5
July 14, 1953	10	54.2
Oct. 5, 1953	12	55.9

Date of collection	Chloride (ppm)	Temperature (°F)
N1280.--Continued		
Dec. 15, 1953	10	55.9
Feb. 2, 1954	12	54.8
Apr. 7, 1954	14	53.9
June 8, 1954	18	54.4
July 6, 1954	16	55.2
Sept. 1, 1954	14	56.1
Dec. 10, 1954	14	54.1
Oct. 12, 1955	-	59.2

N1281.		
Nov. 3, 1939	5	52.4
Dec. 4, 1939	4	52.5
Jan. 2, 1940	6	52.1
Jan. 31, 1940	4.5	52.0
Feb. 29, 1940	5	51.7
Apr. 1, 1940	5	51.9
May 1, 1940	5	51.9
May 31, 1940	4	51.9
July 1, 1940	5	52.1
Aug. 1, 1940	5	52.7
Sept. 3, 1940	6	52.7
Oct. 1, 1940	4.5	52.7
Oct. 31, 1940	4.5	52.3
Dec. 2, 1940	4	52.1
Jan. 2, 1941	7	52.0
Jan. 31, 1941	7	51.9
Mar. 3, 1941	7	51.8
Mar. 31, 1941	7	51.8
May 5, 1941	6	51.9
June 3, 1941	6	52.1
June 30, 1941	7	52.2
July 31, 1941	6	52.6
Aug. 29, 1941	6	52.6
Oct. 31, 1941	6	53.2
Dec. 1, 1941	5	52.6
Jan. 2, 1942	7	52.3
Jan. 30, 1942	6	51.5
Feb. 27, 1942	6	49.5
Mar. 31, 1942	6	51.1
May 29, 1942	5	52.3
Nov. 27, 1942	4	53.1
Jan. 27, 1943	5	50.9
Mar. 31, 1943	4.5	49.6
May 30, 1944	6	52.1
Sept. 4, 1944	6	53.1
Dec. 6, 1944	17	53.0
Mar. 1, 1945	5	50.6
May 30, 1945	5	52.3
Sept. 11, 1945	5	53.7
Dec. 7, 1945	2	52.8
Mar. 21, 1946	4	51.2
June 5, 1946	4	52.1
Sept. 19, 1946	5	54.0
Dec. 19, 1946	5	52.4
May 21, 1947	5	52.3
Aug. 27, 1947	5	53.1
Dec. 15, 1947	8	53.0
Mar. 17, 1948	5	51.3
June 18, 1948	-	53.5
Sept. 10, 1948	-	54.8
Jan. 6, 1949	5	52.9
Apr. 7, 1949	5	52.4
June 20, 1949	-	52.7
Sept. 27, 1949	-	55.8
Nov. 2, 1949	-	53.6
Dec. 1, 1949	14	53.7
Jan. 3, 1950	9	53.1
Jan. 27, 1950	9	52.8
Mar. 2, 1950	7	51.9
Apr. 4, 1950	6	52.7
June 16, 1950	6	54.8
Nov. 2, 1950	6	53.8
Feb. 23, 1951	6	51.0
May 8, 1951	6	53.0
July 31, 1951	3	53.7
Nov. 20, 1951	6	53.2
Mar. 5, 1952	8	52.8
May 7, 1952	-	52.8
Sept. 5, 1952	3	54.2
Jan. 13, 1953	6	53.7
Apr. 15, 1953	8	53.5
July 14, 1953	10	53.8
Oct. 15, 1953	10	53.5
Feb. 2, 1954	6	53.5
Apr. 7, 1954	6	53.7
June 8, 1954	8	54.7
July 6, 1954	8	54.2
Sept. 1, 1954	6	54.8
Dec. 10, 1954	6	52.2
Apr. 7, 1955	-	52.7

Date of collection	Chloride (ppm)	Temperature (°F)
N1281.--Continued		
Oct. 12, 1955	-	58.0
Apr. 3, 1956	7	-
Oct. 11, 1957	-	56.5
May 7, 1962	9	54.5

N1282.		
Nov. 1, 1939	6700	-
Dec. 1, 1939	6410	57.5
Jan. 2, 1940	6510	56.2
Jan. 31, 1940	6510	55.4
Feb. 29, 1940	6800	53.5
Apr. 1, 1940	7200	52.5
May 1, 1940	7000	52.0
May 31, 1940	6750	52.1
July 1, 1940	6850	50.4
Aug. 1, 1940	7690	55.7
Sept. 3, 1940	6750	56.0
Oct. 1, 1940	6700	56.7
Oct. 31, 1940	6900	57.1
Dec. 2, 1940	6900	56.6
Jan. 2, 1941	7150	55.9
Jan. 31, 1941	6600	54.6
Mar. 3, 1941	7050	53.2
Mar. 31, 1941	6900	52.2
May 5, 1941	6600	52.1
June 3, 1941	6700	52.8
June 30, 1941	6310	53.6
July 31, 1941	6700	55.1
Aug. 29, 1941	6550	56.2
Sept. 30, 1941	6510	56.2
Oct. 31, 1941	6260	57.7
Dec. 1, 1941	6600	56.7
Jan. 2, 1942	6650	55.5
Jan. 30, 1942	6850	54.6
Feb. 27, 1942	6750	52.9
Mar. 31, 1942	6750	52.4
May 29, 1942	6460	53.7
July 31, 1942	6210	55.4
Oct. 1, 1942	6360	57.3
Dec. 27, 1942	6310	56.8
Jan. 27, 1943	6210	53.6
Mar. 31, 1943	6460	51.8
May 21, 1944	6510	52.9
Sept. 4, 1944	6260	57.1
Dec. 6, 1944	6360	55.2
Mar. 1, 1945	6460	52.0
May 30, 1945	6260	53.6
Sept. 11, 1945	6510	57.1
Sept. 19, 1946	5770	57.7
Dec. 19, 1946	4180	55.7
May 20, 1947	5470	53.0
Dec. 15, 1947	6260	55.3
Mar. 17, 1948	5720	52.0
June 18, 1948	-	54.5
Sept. 10, 1948	-	56.9
Jan. 6, 1949	6260	53.1
Apr. 7, 1949	6310	53.2
June 20, 1949	-	54.4
Sept. 21, 1949	-	57.8
Nov. 2, 1949	-	57.4
Dec. 1, 1949	6260	57.0
Jan. 3, 1950	7240	56.3
Jan. 27, 1950	6600	54.4
Mar. 3, 1950	6550	52.1
Apr. 4, 1950	6550	53.2
June 16, 1950	6600	54.7
Nov. 2, 1950	5770	56.2
Feb. 20, 1951	6550	53.0
May 8, 1951	6750	54.1
July 31, 1951	6460	55.8
Nov. 20, 1951	6260	55.7
Mar. 6, 1952	6550	52.2
May 7, 1952	6550	53.2
Sept. 5, 1952	8180	56.1
Jan. 12, 1953	6160	54.3
Apr. 16, 1953	8130	52.8
July 15, 1953	6260	56.2
Oct. 5, 1953	6160	57.0
Dec. 15, 1953	6750	55.7
Feb. 2, 1954	6550	54.3
Apr. 7, 1954	6750	53.2
June 9, 1954	6460	52.4
July 7, 1954	6550	54.9
Sept. 1, 1954	6650	56.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1283		
Nov. 1, 1939	6460	54.9
Dec. 1, 1939	6700	54.7
Jan. 2, 1940	6550	54.6
Jan. 31, 1940	6600	54.7
Feb. 29, 1940	6750	54.6
Apr. 1, 1940	6950	54.4
May 1, 1940	6900	54.6
May 31, 1940	6460	54.6
July 1, 1940	6750	52.5
Aug. 1, 1940	6750	56.4
Sept. 3, 1940	6550	56.0
Oct. 1, 1940	6700	55.2
Oct. 31, 1940	6800	54.8
Dec. 2, 1940	6700	54.4
Jan. 2, 1941	6700	54.3
Jan. 31, 1941	6510	54.0
Mar. 3, 1941	6510	53.9
Mar. 31, 1941	6360	54.1
May 5, 1941	6550	54.5
June 3, 1941	6460	55.2
June 30, 1941	6310	55.6
July 31, 1941	6550	55.6
Aug. 29, 1941	6410	55.4
Sept. 30, 1941	6260	55.1
Oct. 31, 1941	6460	55.5
Dec. 1, 1941	6110	54.8
Jan. 2, 1942	6700	54.0
Jan. 30, 1942	6700	53.1
Feb. 27, 1942	6600	52.8
Mar. 31, 1942	6410	53.5
May 29, 1942	6260	55.2
July 31, 1942	6110	55.6
Oct. 1, 1942	6310	55.8
Nov. 27, 1942	6210	54.6
Jan. 27, 1943	6310	51.8
Mar. 31, 1943	6360	52.8
May 31, 1944	6550	55.1
Sept. 4, 1944	6410	56.9
Dec. 6, 1944	6260	53.6
Mar. 1, 1945	6260	52.5
May 30, 1945	5910	54.7
Sept. 11, 1945	6460	56.8
Sept. 19, 1946	5070	58.6
Dec. 19, 1946	5270	53.6
May 20, 1947	4970	54.6
Dec. 15, 1947	6160	53.5
Mar. 17, 1948	6360	53.0
June 18, 1948	-	55.5
Sept. 10, 1948	-	56.2
Dec. 6, 1948	-	52.2
Jan. 6, 1949	6180	-
Apr. 7, 1949	6600	54.0
June 20, 1949	-	55.3
Sept. 21, 1949	-	55.8
Nov. 2, 1949	-	55.0
Dec. 1, 1949	6650	54.8
Jan. 3, 1950	8030	54.4
Jan. 27, 1950	7000	53.7
Mar. 3, 1950	6850	52.4
Apr. 4, 1950	7140	54.2
June 16, 1950	6900	55.4
Nov. 2, 1950	7050	54.8
Feb. 20, 1951	6850	53.8
May 8, 1951	6700	55.0
July 31, 1951	6460	56.1
Nov. 20, 1951	6750	53.9
Mar. 6, 1952	6550	52.8
May 7, 1952	6460	54.4
Sept. 5, 1952	8910	55.6
Jan. 12, 1953	6950	53.6
Apr. 16, 1953	9210	54.0
July 15, 1953	6850	56.1
Oct. 5, 1953	6260	55.5
Dec. 15, 1953	6750	54.4
Feb. 2, 1954	6750	53.8
Apr. 7, 1954	6550	54.5
June 9, 1954	6460	53.8
July 7, 1954	6360	56.1
Sept. 1, 1954	7050	55.8

Date collection	Chloride (ppm)	Temperature (°F)
N1284		
Feb. 27, 1942	7	53.1
Mar. 31, 1942	8	53.3
May 29, 1942	7	54.5
July 31, 1942	5	54.6
Oct. 1, 1942	6	54.8
Nov. 27, 1942	8	54.0
Jan. 27, 1943	13	52.6
Mar. 31, 1943	9	52.9
May 31, 1944	5	54.6
Sept. 4, 1944	7	55.6
Dec. 6, 1944	11	53.9
Mar. 1, 1945	8	52.9
May 30, 1945	5	54.1
Sept. 11, 1945	6	54.9
Mar. 21, 1946	2	53.6
June 5, 1946	2	54.1
Sept. 19, 1946	5	55.9
Dec. 19, 1946	3	53.4
May 20, 1947	5	54.3
Aug. 26, 1947	6	58.7
Dec. 15, 1947	7	53.5
Mar. 17, 1948	9	53.5
June 18, 1948	-	54.5
Sept. 10, 1948	-	54.7
Jan. 6, 1949	4	53.8
Apr. 7, 1949	4	53.8
June 20, 1949	-	54.2
Sept. 21, 1949	-	54.8
Nov. 2, 1949	-	54.6
Dec. 1, 1949	-	55.0
Jan. 3, 1950	5	54.2
Jan. 27, 1950	7	53.2
Mar. 3, 1950	6	52.6
Apr. 4, 1950	5	53.9
June 16, 1950	5	54.6
Nov. 2, 1950	6	54.5
Feb. 20, 1951	6	54.0
May 8, 1951	6	54.4
July 31, 1951	5	54.6
Nov. 20, 1951	3	53.8
Mar. 6, 1952	4	53.3
May 7, 1952	5	54.1
Sept. 5, 1952	4	54.5
Jan. 12, 1953	6	53.6
Apr. 16, 1953	4	53.5
July 15, 1953	6	55.1
Oct. 5, 1953	8	55.4
Dec. 15, 1953	8	53.3
Feb. 2, 1954	8	53.1
Apr. 7, 1954	8	52.9
June 9, 1954	8	53.0
July 7, 1954	8	55.6
Sept. 1, 1954	4	54.7
N1285		
Nov. 1, 1939	24	57.9
Dec. 1, 1939	16	56.4
Jan. 2, 1940	18	53.6
Jan. 31, 1940	19	51.4
Feb. 29, 1940	17	49.3
Apr. 1, 1940	18	47.7
May 1, 1940	23	47.5
May 31, 1940	20	48.5
June 1, 1940	20	50.6
Aug. 1, 1940	18	53.4
Sept. 3, 1940	20	55.4
Oct. 1, 1940	20	56.2
Oct. 31, 1940	22	54.7
Dec. 2, 1940	21	54.7
Jan. 2, 1941	19	52.6
Jan. 31, 1941	23	50.7
Mar. 3, 1941	23	48.8
Mar. 31, 1941	22	47.4
May 5, 1941	19	47.5
June 3, 1941	23	49.3
June 30, 1941	17	51.3
July 31, 1941	17	53.4
Aug. 29, 1941	17	55.4
Sept. 30, 1941	18	55.1
Oct. 31, 1941	18	56.9
Dec. 1, 1941	18	55.6
Jan. 2, 1942	20	53.5
Jan. 30, 1942	20	51.4
Mar. 31, 1942	26	48.1
May 29, 1942	26	50.3
July 31, 1942	26	54.9

Date of collection	Chloride (ppm)	Temperature (°F)
N1285,--Continued		
Oct. 1, 1942	24	57.4
Nov. 27, 1942	22	55.6
Jan. 27, 1943	25	50.0
Mar. 31, 1943	20	47.4
May 29, 1944	21	50.1
Sept. 4, 1944	21	56.2
Dec. 6, 1944	23	53.8
Mar. 1, 1945	22	47.8
May 30, 1945	22	52.5
Dec. 7, 1945	6	54.4
Mar. 21, 1946	4	47.9
June 5, 1946	4	50.6
Sept. 19, 1946	15	57.2
Dec. 19, 1946	15	54.3
May 20, 1947	5	50.1
Aug. 26, 1947	17	56.5
Dec. 15, 1947	8	54.0
Mar. 17, 1948	13	47.5
June 16, 1948	-	52.3
Sept. 13, 1948	-	58.5
Jan. 6, 1949	19	52.8
Dec. 5, 1949	24	57.0
Jan. 3, 1950	37	55.1
Jan. 27, 1950	27	53.0
Mar. 3, 1950	24	48.5
Apr. 4, 1950	24	50.5
June 16, 1950	25	54.5
Nov. 2, 1950	18	59.7
Feb. 20, 1951	22	50.5
May 8, 1951	16	52.2
July 31, 1951	16	58.1
Nov. 20, 1951	16	59.9
Mar. 6, 1952	24	-
May 7, 1952	20	51.2
Sept. 5, 1952	18	61.2
Jan. 13, 1953	22	54.4
Apr. 15, 1953	24	53.0
July 15, 1953	22	58.4
Oct. 5, 1953	22	61.7
Dec. 15, 1953	-	58.1
Feb. 2, 1954	14	54.8
Apr. 7, 1954	20	51.9
June 8, 1954	20	54.8
July 6, 1954	22	57.8
Sept. 1, 1954	20	61.5
Dec. 10, 1954	22	55.1
Apr. 7, 1955	-	50.7
Oct. 12, 1955	-	64.3
Apr. 3, 1956	-	50.1
N1286		
Nov. 1, 1939	5	53.2
Dec. 1, 1939	5	53.1
Jan. 2, 1940	7	53.1
Jan. 31, 1940	5	53.1
Feb. 28, 1940	5	52.9
Apr. 1, 1940	5	52.6
May 1, 1940	5	52.1
May 31, 1940	6	52.1
July 1, 1940	6	52.2
Aug. 1, 1940	7	52.6
Sept. 3, 1940	5.5	52.9
Oct. 1, 1940	6	52.7
Oct. 31, 1940	6	52.6
Dec. 2, 1940	5.5	52.6
Jan. 2, 1941	8	52.6
Jan. 31, 1941	8	52.5
Mar. 3, 1941	8	52.3
Mar. 31, 1941	8	52.1
May 5, 1941	6	51.8
June 3, 1941	5	52.1
June 30, 1941	6	52.1
July 31, 1941	6	52.4
Aug. 29, 1941	6	52.4
Sept. 30, 1941	6	52.0
Oct. 31, 1941	6	53.6
Dec. 1, 1941	9	52.6
Jan. 2, 1942	8	52.3
Jan. 30, 1942	6	52.1
Feb. 27, 1942	8	51.9
Mar. 31, 1942	9	51.6
May 29, 1942	11	52.5
July 31, 1942	15	52.6
Oct. 1, 1942	12	53.2
Nov. 27, 1942	12	53.0
Jan. 27, 1943	15	51.2
Mar. 31, 1943	15	51.1

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N.Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1286--Continued		
May 29, 1944	9	52.4
Sept. 4, 1944	7	53.8
Dec. 6, 1944	19	52.4
Mar. 1, 1945	13	51.2
May 30, 1945	10	52.4
Sept. 24, 1945	6	54.0
Dec. 7, 1945	4	52.6
Mar. 21, 1946	4	50.5
June 5, 1946	6	52.3
Sept. 19, 1946	5	54.8
Dec. 19, 1946	3	52.6
May 20, 1947	5	52.1
Aug. 26, 1947	7	54.3
Dec. 15, 1947	9	52.5
Mar. 17, 1948	6	50.8
June 18, 1948	-	52.5
Sept. 13, 1948	-	55.3
Jan. 6, 1949	8	52.4
Dec. 5, 1949	10	53.7
Jan. 3, 1950	7	53.6
Jan. 27, 1950	9	53.4
Mar. 3, 1950	8	50.8
Apr. 4, 1950	8	53.3
June 16, 1950	6	54.5
Nov. 2, 1950	7	55.6
Feb. 20, 1951	8	52.0
May 3, 1951	10	54.2
July 31, 1951	3	56.0
Nov. 20, 1951	4	55.1
Mar. 6, 1952	3	-
May 7, 1952	8	53.9
Sept. 5, 1952	7	56.5
Jan. 13, 1953	8	54.4
Apr. 15, 1953	6	54.0
July 15, 1953	8	56.1
Oct. 5, 1953	8	56.3
Dec. 15, 1953	10	55.3
Feb. 2, 1954	6	54.5
Apr. 7, 1954	8	54.5
June 8, 1954	8	55.2
July 6, 1954	6	56.2
Sept. 1, 1954	6	56.8
Oct. 12, 1955	-	59.2
Apr. 3, 1956	8	54.8

N1287		
Feb. 27, 1942	5	51.2
Mar. 31, 1942	5	51.1
May 29, 1942	6	52.7
July 31, 1942	5	53.4
Oct. 1, 1942	5	54.0
Nov. 21, 1942	5	52.9
Jan. 27, 1943	5	50.8
Mar. 31, 1943	4	51.0
May 29, 1944	4	52.5
Sept. 4, 1944	5	53.8
Dec. 6, 1944	5	52.7
Mar. 1, 1945	8	51.2
May 30, 1945	7	52.7
Sept. 24, 1945	8	54.6
Dec. 7, 1945	2	52.6
Mar. 21, 1946	2	51.4
June 5, 1946	2	52.5
Sept. 19, 1946	5	54.6
Dec. 19, 1946	5	52.4
May 20, 1947	5	52.5
Aug. 26, 1947	5	54.0
Dec. 15, 1947	6	52.5
Mar. 18, 1948	10	50.8
June 18, 1948	-	53.0
Sept. 13, 1948	-	56.2
Jan. 6, 1949	5	52.2
Dec. 5, 1949	-	53.4
Jan. 3, 1950	6	53.2
Jan. 27, 1950	7	52.5
Apr. 4, 1950	5	50.3
June 16, 1950	5	54.6
Nov. 2, 1950	6	57.0
Feb. 20, 1951	5	52.0
May 8, 1951	7	53.6
July 31, 1951	2	56.4
Nov. 20, 1951	3	54.3
Mar. 6, 1952	6	-
May 7, 1952	4	53.3
Jan. 13, 1953	6	52.9

Date of collection	Chloride (ppm)	Temperature (°F)
N1287--Continued		
Apr. 15, 1953	6	53.5
July 15, 1953	6	55.4
Oct. 5, 1953	8	56.1
Dec. 15, 1953	8	54.3
Feb. 2, 1954	6	53.1
Apr. 7, 1954	6	53.4
June 8, 1954	8	54.6
July 6, 1954	8	55.6
Sept. 1, 1954	4	58.2
Dec. 10, 1954	4	54.5
Apr. 3, 1956	8	52.9
Oct. 10, 1956	-	62.0
June 10, 1957	6	55.6

N1288		
Nov. 1, 1939	13	60.0
Dec. 1, 1939	14	58.5
Jan. 2, 1940	13	55.6
Jan. 31, 1940	14	52.8
Feb. 29, 1940	14	50.4
Apr. 1, 1940	21	48.5
May 1, 1940	14	48.3
May 31, 1940	13	49.5
July 1, 1940	12	51.8
Aug. 1, 1940	11	54.8
Sept. 3, 1940	-	57.7
Oct. 1, 1940	14	58.5
Oct. 31, 1940	14	58.4
Dec. 2, 1940	11	56.7
Jan. 2, 1941	11	54.2
Jan. 31, 1941	10	51.8
Mar. 3, 1941	10	49.8
Mar. 31, 1941	21	48.6
May 5, 1941	21	49.1
June 3, 1941	21	51.1
June 30, 1941	21	53.3
July 31, 1941	20	55.6
Aug. 29, 1941	19	57.1
Sept. 30, 1941	19	57.7
Oct. 31, 1941	18	59.3
Dec. 1, 1941	19	57.7
Jan. 2, 1942	17	55.4
Jan. 30, 1942	17	52.9
Feb. 27, 1942	16	50.5
Mar. 31, 1942	17	49.3
May 29, 1942	18	51.3
July 31, 1942	17	56.6
Oct. 1, 1942	20	60.1
Nov. 27, 1942	22	58.4
Jan. 27, 1943	17	52.0
Mar. 31, 1943	22	48.8
May 29, 1944	12	51.7
Sept. 5, 1944	15	59.0
Dec. 6, 1944	15	56.8
Mar. 1, 1945	19	48.0
May 30, 1945	24	52.5
Sept. 11, 1945	15	60.2
Mar. 21, 1946	6	48.7
June 5, 1946	4	52.6
Sept. 19, 1946	19	60.6
Dec. 18, 1946	20	56.7
May 21, 1947	20	51.2
Aug. 26, 1947	11	59.1
Dec. 16, 1947	19	56.3
Mar. 17, 1948	12	48.2
June 18, 1948	-	55.0
Sept. 10, 1948	-	61.0
Jan. 6, 1949	14	53.5
Apr. 6, 1949	15	50.6
June 15, 1949	22	59.3
Sept. 27, 1949	-	61.4
Nov. 2, 1949	-	61.0
Dec. 1, 1949	14	59.2
Jan. 3, 1950	23	56.2
Jan. 27, 1950	20	54.0
Mar. 2, 1950	17	51.0
Apr. 4, 1950	19	50.4
June 16, 1950	16	54.6
Nov. 1, 1950	16	59.6
Feb. 20, 1951	16	50.0
May 8, 1951	16	51.7
July 31, 1951	13	58.4
Nov. 20, 1951	16	59.8
Mar. 5, 1952	20	50.4
May 7, 1952	24	51.6

Date of collection	Chloride (ppm)	Temperature (°F)
N1288--Continued		
Sept. 5, 1952	24	61.4
Jan. 13, 1953	24	55.3
Apr. 16, 1953	22	51.5
July 20, 1953	18	59.8
Oct. 7, 1953	24	62.2
Dec. 16, 1953	22	58.6
Feb. 3, 1954	22	53.3
Apr. 8, 1954	20	51.9
June 9, 1954	30	53.0
July 7, 1954	32	57.6
Sept. 2, 1954	30	62.1

N1289		
Nov. 1, 1939	6	56.4
Dec. 1, 1939	5	55.1
Jan. 2, 1940	5	52.6
Jan. 1, 1940	5	-
Feb. 29, 1940	7	-
July 1, 1940	5	-
Feb. 27, 1942	5	52.3
Mar. 31, 1942	6	46.6
May 29, 1942	6	52.8
July 31, 1942	6	54.3
Oct. 1, 1942	5	57.1
Nov. 27, 1942	6	55.6
Jan. 27, 1943	5	51.9
Mar. 31, 1943	4	51.2
May 29, 1944	4	54.1
Sept. 5, 1944	6	55.5
Dec. 6, 1944	6	54.4
Mar. 1, 1945	6	50.1
May 30, 1945	7	53.9
Sept. 11, 1945	7	57.9
Mar. 21, 1946	2	50.5
June 5, 1946	2	53.0
Sept. 19, 1946	5	57.7
Dec. 18, 1946	5	54.9
May 21, 1947	5	52.9
Dec. 16, 1947	9	54.5
Mar. 17, 1948	5	50.0
June 16, 1948	-	54.5
Sept. 10, 1948	-	58.8
Apr. 6, 1949	4	52.4
June 15, 1949	-	54.4
Sept. 27, 1949	-	58.5
Nov. 2, 1949	-	57.4
Dec. 1, 1949	8	56.7
Jan. 3, 1950	7	55.8
Jan. 27, 1950	7	55.1
Mar. 2, 1950	6	52.6
Apr. 4, 1950	7	52.5
June 16, 1950	6	54.2
Nov. 1, 1950	3	57.4
Feb. 20, 1951	6	52.5
May 8, 1951	5	53.2
July 31, 1951	3	55.7
Nov. 20, 1951	3	56.8
Mar. 5, 1952	5	53.6
May 7, 1952	4	53.4
Sept. 5, 1952	4	57.3
Jan. 13, 1953	-	55.5
Apr. 16, 1953	8	53.8
July 20, 1953	8	56.8
Oct. 7, 1953	-	57.5
Dec. 11, 1953	-	57.0
Feb. 3, 1954	2	54.0
Apr. 8, 1954	8	54.6
June 9, 1954	8	53.4
July 7, 1954	6	57.0

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N1290.		
May 29, 1942	6	53.6
July 31, 1942	6	54.7
Oct. 1, 1942	5	55.2
Nov. 27, 1942	5	53.6
Jan. 27, 1943	4	51.3
Mar. 31, 1943	4	51.0
May 29, 1944	5	53.9
Sept. 5, 1944	7	55.6
Dec. 6, 1944	7	53.7
Mar. 1, 1945	7	50.2
May 30, 1945	6	53.4
Sept. 11, 1945	6	55.8
Mar. 21, 1946	2	51.8
June 5, 1946	2	53.2
Sept. 19, 1946	5	57.0
Dec. 18, 1946	8	54.0
May 21, 1947	8	53.1
Aug. 26, 1947	4	55.0
Dec. 15, 1947	8.5	53.3
Mar. 17, 1948	4	51.8
June 18, 1948	-	54.5
Sept. 10, 1948	-	57.1
Jan. 6, 1949	3	52.7
Apr. 6, 1949	4	52.1
June 15, 1949	8	54.5
Sept. 27, 1949	-	55.9
Nov. 2, 1949	-	55.8
Dec. 1, 1949	8	54.9
Jan. 3, 1950	7	54.2
Jan. 27, 1950	8	53.3
Mar. 2, 1950	6	51.8
Apr. 4, 1950	7	52.6
June 16, 1950	5	54.7
Nov. 1, 1950	4	54.9
Feb. 20, 1951	5	51.5
May 8, 1951	6	53.6
July 31, 1951	3	55.5
Nov. 20, 1951	5	54.9
Mar. 5, 1952	5	52.7
May 7, 1952	4	53.6
Sept. 5, 1952	5	58.5
Jan. 13, 1953	8	53.7
Apr. 16, 1953	8	53.5
July 20, 1953	8	56.4
Oct. 7, 1953	8	57.0
Feb. 3, 1954	6	52.7
Apr. 8, 1954	6	53.7
June 9, 1954	6	53.2
July 7, 1954	6	56.4
Sept. 2, 1954	4	56.5
N1328.		
July 1, 1948	3.4	-
May 16, 1950	4	58.7
July 10, 1952	5.2	58.7
Oct. 3, 1957	5	-
Oct. 6, 1959	4	-
Dec. 19, 1961	3.8	-
May 29, 1962	-	59.1
N1483.		
Jan. 25, 1946	55	-
Mar. 8, 1946	60	-
July 7, 1955	2,100	-
Apr. 2, 1956	5,470	-
Dec. 20, 1956	5,170	-
N1484.		
Jan. 25, 1946	115	-
Mar. 8, 1946	145	-
July 7, 1955	88	56.1
Apr. 2, 1956	104	56.0
Oct. 3, 1956	90	-
Dec. 20, 1956	100	-
N1696.		
Oct. 28, 1952	6.4	-
Oct. 1, 1953	6.9	60.0
Sept. 15, 1955	5.9	60.0
Sept. 20, 1956	6.4	60.0
Aug. 22, 1958	6.8	58.0
July 6, 1959	6.6	58.0
Feb. 2, 1960	5.8	58.0

Date of collection	Chloride (ppm)	Temperature (°F)
N1716.		
June 5, 1941	9	-
Mar. 24, 1945	4	-
July 7, 1949	9	-
Sept. 14, 1956	10	53.7
Sept. 24, 1957	5.6	-
June 23, 1958	6.5	-
Sept. 1, 1959	11	-
Mar. 9, 1960	8	-
May 25, 1961	6	-
May 31, 1962	-	54.2
N1877.		
Dec. 14, 1937	6	-
June 23, 1938	6	53.1
Mar. 29, 1939	6	52.7
Jan. 5, 1940	6	52.5
May 6, 1941	6	53.0
Oct. 27, 1942	9	-
Mar. 26, 1945	10	56.5
July 1, 1948	4.8	-
Aug. 29, 1951	6	55.0
N1912.		
May 10, 1943	-	51.1
July 13, 1943	-	51.5
July 25, 1944	8.4	-
Oct. 14, 1946	5.6	-
Nov. 25, 1946	6.2	-
Jan. 23, 1962	11	-
N1926.		
Aug. 22, 1948	6.4	-
Aug. 7, 1953	5.8	-
Oct. 18, 1957	13	55.0
N1927.		
Sept. 2, 1943	8.4	-
Oct. 17, 1944	2.4	-
Apr. 9, 1945	6	69.0
Dec. 6, 1945	2	68.8
Sept. 17, 1946	8	69.1
May 20, 1947	5	68.5
Mar. 18, 1948	3	68.0
Dec. 13, 1949	4	67.0
Mar. 22, 1950	4	68.6
June 1, 1951	2	69.4
May 6, 1952	4	68.7
July 14, 1953	8	69.1
Aug. 16, 1954	3.4	-
Sept. 21, 1955	3.8	-
Mar. 29, 1960	2	-
N1958.		
Jan. 10, 1945	10	-
Jan. 10, 1949	4.2	-
Mar. 10, 1952	4.2	-
Sept. 16, 1953	4	-
Apr. 15, 1954	4	-
Oct. 23, 1961	3.8	-
Feb. 27, 1962	5	-
May 22, 1962	-	59.8
N2002.		
Sept. 4, 1946	10	-
Apr. 16, 1948	4.8	-
July 7, 1949	10	-
May 16, 1950	5	56.7
Oct. 29, 1956	6	-
N2028.		
Apr. 1, 1947	4.4	-
July 10, 1952	6.3	-
Feb. 14, 1955	6.2	-
May 1, 1956	7.8	-
Oct. 3, 1957	7.4	-
Apr. 7, 1960	7.4	-
Dec. 12, 1961	6.4	-
May 29, 1962	-	51.9

Date of collection	Chloride (ppm)	Temperature (°F)
N2030.		
May 11, 1945	15	-
July 7, 1949	15	-
Sept. 14, 1956	15	56.7
Apr. 30, 1957	14	52.2
July 17, 1958	11	-
Sept. 1, 1959	16	-
Mar. 9, 1960	16	-
Mar. 31, 1960	15	-
May 25, 1961	15	-
Dec. 12, 1961	14	-
May 31, 1962	-	52.2
N2052.		
July 28, 1947	4.2	-
July 6, 1949	10	-
Sept. 24, 1957	7.4	-
Jan. 10, 1958	11	-
Mar. 9, 1960	7.5	-
June 17, 1960	7	-
May 25, 1961	8	-
N2239.		
Mar. 19, 1947	22	-
June 24, 1952	29	-
Mar. 31, 1953	11	-
Jan. 20, 1954	29	-
Mar. 21, 1955	12	-
Dec. 24, 1957	25	-
Oct. 21, 1959	21	-
Oct. 18, 1961	23	-
Mar. 19, 1962	21	-
July 17, 1962	-	54.4
N2402.		
Dec. 3, 1947	19	-
July 8, 1948	16	-
Apr. 26, 1949	20	-
July 27, 1949	17	-
Nov. 2, 1949	21	-
Jan. 21, 1952	12	1/
Mar. 30, 1953	13	-
Mar. 10, 1954	13	-
Oct. 8, 1954	13	-
Nov. 9, 1954	15	-
Mar. 12, 1957	17	-
Mar. 22, 1957	16	-
Nov. 4, 1957	17	-
Jan. 25, 1960	16	-
Feb. 3, 1960	17	-
Oct. 5, 1961	17	-
N2580.		
July 8, 1948	13	-
Aug. 17, 1949	15	-
Nov. 2, 1949	15	-
Jan. 21, 1952	4	1/
Oct. 27, 1952	3.4	-
Mar. 1953	3.4	-
Mar. 10, 1954	3.6	-
Nov. 9, 1954	5.2	-
Oct. 17, 1961	4.8	-
July 17, 1962	-	52.4
N2581.		
Apr. 20, 1948	-	51.0
Aug. 17, 1949	23	-
Jan. 21, 1952	20	-
Apr. 7, 1953	7	-
Feb. 18, 1954	19	-
Apr. 21, 1955	20	-
Aug. 24, 1959	17.2	-

1/ Originally 85 ft deep. Deepened to 207 ft, Sept. 1950.

1/ Originally 66 ft deep. Deepened to 348 ft, Sept. 1950.

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N2747.			N3194.			N3488.		
Sept. 29, 1954	11	-	Feb. 17, 1949	4	-	July 3, 1950	16	-
Sept. 19, 1957	12	-	Aug. 17, 1949	4.5	-	Jan. 8, 1952	16	-
Jan. 13, 1959	3.5	-	Jan. 21, 1952	8	-	Sept. 28, 1953	16	-
Apr. 20, 1959	3.5	-	Feb. 28, 1952	3.7	-	June 2, 1954	18	-
Feb. 11, 1960	15	-	Mar. 27, 1952	3.9	-	Aug. 1, 1957	19	-
Apr. 13, 1960	13	-	Apr. 7, 1952	3.5	-	Feb. 16, 1960	19	-
Feb. 29, 1961	10	-	Apr. 7, 1953	3	-	Aug. 31, 1960	26	-
Jan. 10, 1962	14	-	Feb. 18, 1954	3.6	-	Jan. 25, 1962	18	-
May 22, 1962	-	53.5	Apr. 21, 1955	3.6	-	Feb. 21, 1962	20	54.0
N2790.			May 10, 1960	7.2	-	July 20, 1962	-	54.4
Nov. 17, 1950	11	-	Nov. 16, 1961	7.6	-	N3564.		
Feb. 23, 1951	11	56.8	N3312.			May 16, 1952	18	-
Apr. 27, 1951	10	57.2	Jan. 21, 1952	4	-	Nov. 4, 1953	16	-
May 31, 1951	-	56.8	Apr. 7, 1953	4.2	-	June 21, 1954	13	-
June 1, 1951	8	58.4	Feb. 18, 1954	5.4	-	Nov. 15, 1955	17	-
June 27, 1951	8	57.7	Apr. 21, 1955	5.2	-	June 26, 1957	20	-
Aug. 2, 1951	7	-	Mar. 8, 1956	5.4	-	July 1, 1959	19	-
Aug. 3, 1951	7	58.2	Nov. 18, 1957	6.8	-	Aug. 13, 1959	16	-
Sept. 27, 1951	7	57.6	Jan. 25, 1960	7	-	July 17, 1962	-	53.3
Oct. 30, 1951	-	56.6	Jan. 16, 1961	7.8	-	N3672.		
Oct. 31, 1951	6	57.4	Feb. 21, 1962	8	-	July 17, 1952	5.1	-
Nov. 27, 1951	7	55.6	July 17, 1962	-	52.5	Feb. 20, 1956	8.8	-
Nov. 19, 1952	6	-	N3313.			May 22, 1956	4.2	-
Feb. 19, 1953	8	-	Jan. 21, 1952	16	-	Sept. 26, 1957	9.2	-
Mar. 12, 1953	6	-	Mar. 31, 1953	13	-	Feb. 11, 1959	10	-
Apr. 16, 1953	6	-	Mar. 10, 1954	14	-	Oct. 14, 1959	7.5	-
June 15, 1953	10	-	Dec. 5, 1955	15	-	Feb. 25, 1960	8.6	-
Sept. 9, 1953	6	-	Aug. 29, 1959	13	-	May 4, 1961	9.5	-
Dec. 8, 1953	6	55.4	May 10, 1960	14	-	Jan. 8, 1962	11	-
Feb. 5, 1954	8	-	Oct. 9, 1961	17	-	May 29, 1962	-	53.0
Apr. 12, 1954	6	-	Jan. 15, 1962	18	-	N3687.		
May 12, 1954	4	-	N3327.			Nov. 20, 1951	6	68.8
June 10, 1954	4	54.0	Jan. 18, 1952	3	-	Feb. 26, 1952	4.4	-
June 24, 1954	12	55.5	Apr. 28, 1953	3.8	-	Sept. 11, 1952	6	69.5
July 19, 1954	5	58.9	May 5, 1954	3.8	-	Mar. 14, 1953	10	-
Aug. 6, 1954	8	-	Dec. 7, 1955	5.2	-	July 14, 1953	6	69.6
Aug. 26, 1954	7	58.0	Aug. 5, 1958	7.0	-	Mar. 24, 1954	4.6	-
Sept. 28, 1954	12	-	Aug. 25, 1960	4.8	-	Sept. 3, 1954	8	69.7
Feb. 7, 1955	-	55.2	Nov. 10, 1961	5.2	-	Sept. 25, 1958	6	-
Mar. 3, 1955	-	54.8	Mar. 1, 1962	4.8	-	Aug. 20, 1959	8	69.8
May 4, 1956	5	-	N3456.			Mar. 1960	4.8	-
June 13, 1956	4	-	Mar. 13, 1952	6.4	-	Apr. 5, 1960	4.8	-
July 10, 1956	5	-	Apr. 24, 1952	6.2	-	June 1, 1960	6	69.7
Mar. 22, 1957	4	-	Mar. 23, 1953	7	-	Nov 6, 1961	3.6	-
Apr. 18, 1957	5	-	Mar. 17, 1954	7.6	-	Feb. 1, 1962	5.4	-
Sept. 20, 1957	6	-	Nov. 6, 1957	14	-	Feb. 20, 1962	-	69.6
Nov. 19, 1957	6	-	Apr. 2, 1958	13	-	N3697.		
July 30, 1958	6	-	May 9, 1960	13	-	Oct. 28, 1952	4.7	-
Apr. 1959	6	-	Mar. 1, 1961	17	-	Oct. 1, 1953	7.2	60.0
Nov. 9, 1959	6	-	Oct. 26, 1961	16	-	Oct. 2, 1957	5.1	64.0
Mar. 1, 1960	6	-	July 17, 1962	-	54.4	Aug. 22, 1958	5	-
June 16, 1960	3	59.0	N3457.			Feb. 2, 1960	4.5	58.0
Sept. 26, 1961	4	-	Mar. 13, 1952	4.8	-	N3704.		
Apr. 11, 1962	4.5	-	Mar. 23, 1953	4	-	Jan. 9, 1952	8.4	-
Aug. 1, 1962	-	59.2	Mar. 17, 1954	4.2	-	Mar. 26, 1952	9.3	-
N3185.			Nov. 6, 1957	5.4	-	Mar. 31, 1953	11	-
Jan. 15, 1952	8	-	Apr. 2, 1958	5	-	Jan. 27, 1954	12	-
July 31, 1952	14	-	Mar. 9, 1960	5.2	-	Sept. 12, 1955	11	-
Sept. 7, 1954	11	-	Nov. 2, 1961	5.4	-	Dec. 24, 1957	13	-
Jan. 11, 1955	11	-	N3465.			Oct. 21, 1959	14	-
Oct. 7, 1957	15	-	Apr. 24, 1952	3.6	-	Oct. 18, 1961	12	-
May 1, 1959	12	-	Mar. 26, 1953	4.6	-	July 17, 1962	-	54.2
Mar. 10, 1960	15	-	Mar. 17, 1954	5.8	-	N3708.		
May 8, 1961	17	-	Nov. 6, 1957	7.2	-	Mar. 2, 1951	12	-
Jan. 3, 1962	21	-	Apr. 2, 1958	8.4	-	Mar. 31, 1951	138	-
N3193.			Mar. 9, 1960	6.8	-	May 5, 1951	14	-
July 28, 1949	5	-	Oct. 17, 1961	8	-	May 26, 1951	106	-
Mar. 1, 1953	9.2	-	July 17, 1962	-	53.8	June 30, 1951	90	-
Mar. 10, 1954	8.8	-	N3488.			July 30, 1951	20	-
Nov. 4, 1957	12	-	Mar. 2, 1951	12	-	Nov. 9, 1953	124	57.8
Apr. 10, 1958	11	-	Mar. 31, 1951	138	-	July 22, 1955	450	55.6

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)	Date of collection	Chloride (ppm)	Temperature (°F)
N3709.			N3864.			N3867.		
Mar. 2, 1951	6	-	May 2, 1952	4	-	Sept. 17, 1952	4	-
Mar. 31, 1951	36	-	Oct. 24, 1952	3	59.0	Dec. 11, 1952	3.5	-
May 5, 1951	158	-	Feb. 18, 1953	6	-	Mar. 12, 1953	6	-
May 26, 1951	366	-	Apr. 11, 1953	8	-	June 15, 1953	8	-
June 30, 1951	480	-	May 15, 1953	6	-	Aug. 18, 1953	5	-
July 30, 1951	515	-	July 1953	5	-	Sept. 14, 1953	8	-
Nov. 9, 1953	4,200	59.8	Sept. 8, 1953	8	-	Nov. 16, 1953	5	-
July 25, 1955	3,850	58.3	Oct. 20, 1953	5	-	Jan. 19, 1954	4	-
N3710.			Dec. 15, 1953	4	-	May 12, 1954	6	-
Mar. 31, 1951	14	-	Jan. 19, 1954	6	-	July 10, 1954	6	-
May 5, 1951	60	-	Apr. 6, 1954	5	-	Dec. 15, 1954	5	-
May 26, 1951	70	-	May 12, 1954	5	-	May 19, 1955	4	-
June 30, 1951	44	-	July 9, 1954	6	-	Sept. 8, 1955	5	-
July 30, 1951	102	-	Oct. 25, 1954	4	-	Dec. 30, 1955	3	-
Nov. 9, 1953	24	61.5	Dec. 15, 1954	2	-	Apr. 30, 1956	5	-
July 9, 1955	-	59.1	Mar. 3, 1955	3	-	Feb. 15, 1957	5	-
N3711.			May 17, 1955	3	-	Apr. 15, 1957	4	-
Mar. 31, 1951	7	-	Sept. 7, 1955	5	-	May 19, 1958	8	-
May 5, 1951	14	-	Oct. 3, 1955	2	-	Aug. 6, 1958	8	-
May 26, 1951	14	-	Dec. 29, 1955	5	-	Apr. 1959	6	-
June 30, 1951	10	-	Mar. 20, 1956	4	-	July 21, 1960	5	-
July 30, 1951	10	-	June 7, 1956	3	-	N3932.		
Nov. 9, 1953	12	58.3	Feb. 14, 1957	5	-	Nov. 24, 1952	7	56.5
July 19, 1955	6	62.0	Apr. 12, 1957	5	-	Feb. 19, 1953	12	-
N3861.			Nov. 8, 1957	5	-	June 15, 1953	6	-
Oct. 10, 1952	15,300	60.0	May 26, 1958	4	-	Aug. 12, 1953	3	-
May 13, 1953	15,200	-	Aug. 4, 1958	6	-	Oct. 22, 1953	5	-
May 18, 1953	16,700	-	Mar. 17, 1959	6	-	Dec. 7, 1953	4	56.0
June 15, 1953	15,700	-	N3865.			Feb. 5, 1954	4	56.3
Aug. 12, 1953	16,200	56.8	July 31, 1952	7	-	Apr. 7, 1954	8	-
Dec. 7, 1953	15,300	56.9	Oct. 20, 1952	2	-	July 20, 1954	6	57.9
Feb. 5, 1954	15,700	59.2	Nov. 18, 1952	3	58.5	Mar. 7, 1955	2	-
May 13, 1954	15,800	-	Feb. 18, 1953	8	-	Aug. 5, 1955	4	-
July 9, 1954	15,700	-	May 16, 1953	8	-	Nov. 21, 1955	5	-
Oct. 27, 1954	16,600	-	June 19, 1953	6	-	Feb. 17, 1956	3	-
Dec. 16, 1954	16,600	-	July 16, 1953	5	-	July 5, 1956	5	-
Mar. 7, 1955	15,700	-	Aug. 20, 1953	5	-	Mar. 18, 1957	7	-
May 19, 1955	15,900	-	Oct. 7, 1953	4.2	-	Sept. 17, 1957	5	-
Aug. 5, 1955	15,700	-	Nov. 18, 1953	6	-	May 21, 1958	4	-
Jan. 4, 1956	15,500	-	Dec. 18, 1953	4	-	Aug. 17, 1959	4.5	58.4
July 5, 1956	15,600	-	Jan. 22, 1954	6	-	Mar. 9, 1960	4.4	-
Feb. 18, 1957	16,100	-	Mar. 6, 1954	5	-	July 20, 1960	4	-
Apr. 16, 1957	15,900	-	Apr. 8, 1954	4	-	N3937.		
Sept. 17, 1957	15,800	-	May 14, 1954	8	-	Apr. 1, 1953	13	-
May 21, 1958	15,500	-	June 5, 1954	4	-	July 7, 1954	4.6	-
Apr. 9, 1959	14,700	-	July 8, 1954	4	-	Jan. 14, 1958	5.4	-
Aug. 6, 1959	15,500	60.0	Aug. 10, 1954	6	-	Aug. 24, 1960	3.6	-
Feb. 29, 1960	15,500	-	Oct. 23, 1954	3	-	Jan. 29, 1962	4.4	-
July 20, 1960	15,500	-	Dec. 20, 1954	5	-	July 18, 1962	-	55.9
Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.			Mar. 4, 1955	3	-	N4026.		
N3862.			June 15, 1955	4	-	Nov. 21, 1952	5	55.4
Apr. 19, 1952	1,900	-	Oct. 11, 1955	6	-	May 16, 1953	5	-
Oct. 31, 1952	1,920	57.0	Apr. 5, 1956	5	-	Aug. 19, 1953	5	-
Nov. 24, 1952	1,800	-	June 13, 1956	5	-	Sept. 9, 1953	4	-
Apr. 14, 1953	2,150	-	Feb. 21, 1957	5	-	Oct. 22, 1953	5	-
June 15, 1953	2,200	-	Sept. 20, 1957	7	-	Dec. 17, 1953	4	-
Aug. 12, 1953	2,300	-	Nov. 19, 1957	7	-	Mar. 5, 1954	5	-
Oct. 23, 1953	2,200	-	May 27, 1958	6	-	Apr. 8, 1954	4	-
Dec. 18, 1953	2,100	-	Apr. 9, 1959	6	-	May 14, 1954	3	-
Jan. 21, 1954	2,200	-	Nov. 6, 1959	6	-	June 8, 1954	5	-
Feb. 5, 1954	2,100	56.5	July 11, 1960	6	-	July 8, 1954	6	-
Mar. 5, 1954	1,920	-	N3866.			July 19, 1954	-	55.8
June 8, 1954	2,100	-	Oct. 14, 1952	3.5	53.0	Aug. 10, 1954	3	-
Oct. 27, 1954	2,080	-	Nov. 20, 1952	3	57.0	Apr. 20, 1955	4	-
Apr. 19, 1955	1,920	-	May 15, 1953	6	-	May 20, 1955	3	-
June 14, 1955	1,920	-	July 1953	5	-	Apr. 9, 1959	8	-
Aug. 4, 1955	1,960	-	Sept. 9, 1953	3.2	-	July 11, 1960	5	56.0
Jan. 5, 1956	1,920	-	Oct. 21, 1953	5	-	Sept. 22, 1961	6	-
Mar. 20, 1956	2,000	-	Dec. 16, 1953	5	-	Apr. 6, 1962	5	-
June 12, 1956	1,960	-	Jan. 22, 1954	6	-	N4042.		
Sept. 18, 1957	1,920	-	Apr. 8, 1954	3	-	Oct. 28, 1953	5.6	-
Nov. 15, 1957	2,040	-	May 14, 1954	3	-	Sept. 16, 1957	5.4	-
Aug. 7, 1958	2,240	-	July 20, 1954	5	57.6	May 18, 1959	3	-
Apr. 1959	2,080	-	Oct. 26, 1954	5	-	Apr. 18, 1960	8.4	-
Nov. 4, 1959	1,950	-	Mar. 4, 1955	4	-	Sept. 14, 1960	6.2	-
Mar. 2, 1960	1,960	-	Aug. 2, 1955	5	-	Nov. 21, 1961	6.8	-
July 25, 1960	1,900	-	Oct. 11, 1955	7	-	July 18, 1962	-	52.4
Jan. 3, 1961	1,950	-	Nov. 23, 1955	5	-	N4042.		
Apr. 10, 1962	2,100	-	Jan. 5, 1956	3	-	Oct. 28, 1953	5.6	-
Selected values only. Chloride concentrations probably effected by pumping rates and analytical errors.			Apr. 5, 1956	3	-	Sept. 16, 1957	5.4	-
N3863.			June 12, 1956	3	-	May 18, 1959	3	-
Oct. 14, 1952	3.5	53.0	Mar. 21, 1957	5	-	Apr. 18, 1960	8.4	-
Nov. 20, 1952	3	57.0	Apr. 19, 1957	4	-	Sept. 14, 1960	6.2	-
May 15, 1953	6	-	Apr. 1959	4	-	Nov. 21, 1961	6.8	-
July 1953	5	-	N3867.			July 18, 1962	-	52.4
Sept. 9, 1953	3.2	-	Sept. 17, 1952	4	-	N3937.		
Oct. 21, 1953	5	-	Dec. 11, 1952	3.5	-	Apr. 1, 1953	13	-
Dec. 16, 1953	5	-	Mar. 12, 1953	6	-	July 7, 1954	4.6	-
Jan. 22, 1954	6	-	June 15, 1953	8	-	Jan. 14, 1958	5.4	-
Apr. 8, 1954	3	-	Aug. 18, 1953	5	-	Aug. 24, 1960	3.6	-
May 14, 1954	3	-	Sept. 14, 1953	8	-	Jan. 29, 1962	4.4	-
July 20, 1954	5	57.6	Nov. 16, 1953	8	-	July 18, 1962	-	55.9
Oct. 26, 1954	5	-	Dec. 7, 1953	4	56.0	N4026.		
Mar. 4, 1955	4	-	Feb. 5, 1954	4	56.3	Nov. 21, 1952	5	55.4
Aug. 2, 1955	5	-	Apr. 7, 1954	8	-	May 16, 1953	5	-
Oct. 11, 1955	7	-	July 20, 1954	6	57.9	Aug. 19, 1953	5	-
Nov. 23, 1955	5	-	Mar. 7, 1955	2	-	Sept. 9, 1953	4	-
Jan. 5, 1956	3	-	Aug. 5, 1955	4	-	Oct. 22, 1953	5	-
Apr. 5, 1956	3	-	Nov. 21, 1955	5	-	Dec. 17, 1953	4	-
June 12, 1956	3	-	Feb. 17, 1956	3	-	Mar. 5, 1954	5	-
Mar. 21, 1957	5	-	July 5, 1956	5	-	Apr. 8, 1954	4	-
Apr. 19, 1957	4	-	Mar. 18, 1957	7	-	May 14, 1954	3	-
Apr. 1959	4	-	Sept. 17, 1957	5	-	June 8, 1954	5	-
N3864.			May 21, 1958	4	-	July 8, 1954	6	-
May 2, 1952	4	-	Aug. 17, 1959	4.5	58.4	July 19, 1954	-	55.8
Oct. 24, 1952	3	59.0	Mar. 9, 1960	4.4	-	Aug. 10, 1954	3	-
Feb. 18, 1953	6	-	July 20, 1960	4	-	Apr. 20, 1955	4	-
Apr. 11, 1953	8	-	N3937.			May 20, 1955	3	-
May 15, 1953	6	-	Apr. 1, 1953	13	-	Apr. 9, 1959	8	-
July 1953	5	-	July 7, 1954	4.6	-	July 11, 1960	5	56.0
Sept. 8, 1953	8	-	Jan. 14, 1958	5.4	-	Sept. 22, 1961	6	-
Oct. 20, 1953	5	-	Aug. 24, 1960	3.6	-	Apr. 6, 1962	5	-
Dec. 15, 1953	4	-	Jan. 29, 1962	4.4	-	N4042.		
Jan. 19, 1954	6	-	July 18, 1962	-	55.9	Oct. 28, 1953	5.6	-
Apr. 6, 1954	5	-	N4026.			Sept. 16, 1957	5.4	-
May 12, 1954	5	-	Nov. 21, 1952	5	55.4	May 18, 1959	3	-
July 9, 1954	6	-	May 16, 1953	5	-	Apr. 18, 1960	8.4	-
Oct. 25, 1954	4	-	Aug. 19, 1953	5	-	Sept. 14, 1960	6.2	-
Dec. 15, 1954	2	-	Sept. 9, 1953	3.2	-	Nov. 21, 1961	6.8	-
Mar. 3, 1955	3	-	Oct. 21, 1953	5	-	July 18, 1962	-	52.4
May 17, 1955	3	-	Dec. 16, 1953	5	-	N3937.		
Sept. 7, 1955	5	-	Jan. 22, 1954	6	-	Apr. 1, 1953	13	-
Oct. 3, 1955	2	-	Apr. 8, 1954	3	-	July 7, 1954	4.6	-
Dec. 29, 1955	5	-	May 14, 1954	3	-	Jan. 14, 1958	5.4	-
Mar. 20, 1956	4	-	July 20, 1954	5	57.6	Aug. 24, 1960	3.6	-
June 7, 1956	3	-	Oct. 26, 1954	5	-	Jan. 29, 1962	4.4	

Table 2.--Chloride concentration and temperature of water from wells in Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)
N5209.		
May 23, 1956	5.4	62.6
Aug. 30, 1957	9	-
Sept. 24, 1957	8.8	-
Nov. 8, 1957	7.5	-
Jan. 10, 1958	10	-
Mar. 7, 1958	8.5	-
Apr. 10, 1958	8.5	-
May 8, 1958	8	-
June 20, 1958	8	-
July 17, 1958	8	-
Aug. 14, 1958	8.5	-
Sept. 18, 1958	9	-
Oct. 17, 1958	8.5	-
Nov. 13, 1958	7.5	-
Dec. 11, 1958	7	-
Jan. 14, 1959	7	-
Feb. 4, 1959	9	-
Mar. 16, 1959	8	-
Apr. 9, 1959	8.5	-
May 12, 1959	9	-
July 10, 1959	15	-
Aug. 15, 1959	10	-
Sept. 1, 1959	7.5	-
Mar. 9, 1960	8.5	-
Mar. 31, 1960	7.8	-
June 10, 1960	7.5	-
Oct. 13, 1960	9	-
May 25, 1961	9	-
Dec. 19, 1961	8.8	-
N6149.		
Mar. 16, 1960	3	-
Dec. 4, 1961	3.6	-
July 18, 1962	-	53.2
N6193.		
Feb. 16, 1960	13	-
Nov. 20, 1961	16	-
July 20, 1962	-	52.9

Date of collection	Chloride (ppm)	Temperature (°F)
N6450.		
July 22, 1958	4.2	-
Aug. 20, 1959	-	70.1
Apr. 5, 1960	5	-
June 21, 1960	5	-
Mar. 22, 1961	5	-
Nov. 6, 1961	3.6	-
Feb. 1, 1962	6.2	-
May 20, 1962	-	69.8
N6510.		
Apr. 9, 1959	13,800	61.0
Nov. 6, 1959	14,500	-
Feb. 23, 1960	14,300	-
July 15, 1960	14,500	-
Jan. 5, 1961	14,300	-
Apr. 10, 1962	14,400	-
N6581.		
Oct. 6, 1958	7,390	60.5
Aug. 18, 1959	8,030	60.0
Jan. 5, 1961	8,340	-
July 21, 1961	8,520	-
Apr. 13, 1962	9,100	-
N6644.		
Aug. 2, 1954	4.6	-
Nov. 20, 1961	7.6	-
July 18, 1962	-	51.1

Date of collection	Chloride (ppm)	Temperature (°F)
N6664.		
Sept. 19, 1959	16	57.0
June 18, 1961	-	55.2
June 30, 1961	-	55.6
July 17, 1961	-	56.1
Aug. 7, 1961	23	57.8
Aug. 17, 1961	-	57.7
Sept. 3, 1961	-	59.2
Sept. 18, 1961	-	58.9
Oct. 4, 1961	-	59.0
Oct. 18, 1961	-	59.7
Nov. 4, 1961	-	59.9
Nov. 19, 1961	-	59.1
Dec. 9, 1961	-	58.5
Dec. 25, 1961	-	56.8
Jan. 21, 1962	-	57.2
Feb. 4, 1962	-	56.7
Feb. 18, 1962	-	54.9
Mar. 17, 1962	-	55.3
June 4, 1962	-	55.9
June 16, 1962	23	-
Aug. 15, 1962	-	57.8
Oct. 6, 1962	22	59.1
Jan. 20, 1963	21	56.4
Apr. 8, 1963	20	-
N6702.		
Aug. 31, 1959	15,600	61.7
Sept. 10, 1959	15,700	-
Nov. 12, 1959	15,800	60.5
Nov. 16, 1959	15,700	60.2
Mar. 14, 1960	15,600	59.4
July 19, 1960	15,800	60.6
Sept. 22, 1961	15,600	-
Apr. 6, 1962	15,700	-

Table 3.--Summary of chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N.Y.
[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations are shown on plate 1. See table 4 for other data]

Sampling station number	Map coordinates	Surface-water body	Locality	Chloride concentration				Water temperature				
				Period of record (years)	No. of samples	Solitary analysis or higher of 2 samples		Period of record (years)	No. of samples	Highest of record		
						Chloride (ppm)	Date			Temperature (°F)	Date	
Streams, ponds, or lakes												
NS1	B-5	Motts Creek	Cedarhurst	1957	1	9,200	June 11, 1957	1957	1	71.5	June 11, 1957	--
NS2	B-5	do.	Hewlett	1957	1	22	June 11, 1957	1957	1	72.9	June 11, 1957	--
NS3	B-5	do.	Lynbrook	1957	1	17	June 11, 1957	1957	1	69.5	June 11, 1957	--
NS4	B-5	do.	do.	1957	1	25	June 14, 1957	1957	1	59.5	June 14, 1957	--
NS5	B-5	Watts Creek	Valley Stream	1957	1	3,980	Apr. 8, 1957	1957	1	49.6	Apr. 8, 1957	--
NS6	B-5	do.	do.	1957	1	5	Apr. 8, 1957	1957	1	49.4	Apr. 8, 1957	--
NS11	B-6	Mills River	do.	1957	1	5,430	Apr. 8, 1957	1957	1	47.7	Apr. 8, 1957	--
NS12	B-6	do.	East Rockaway	1957	1	600	Apr. 8, 1957	1957	1	49.1	Apr. 8, 1957	--
NS13	B-6	Smith Pond	Rockville Centre	1957	1	5	Apr. 8, 1957	1957	1	51.0	Apr. 8, 1957	--
NS14	B-7	Freeport Creek	Lynbrook	1957	2	7,250	Apr. 8, 1957	1957	2	48.9	Apr. 8, 1957	Apr. 8, 1957
NS15	B-7	do.	do.	1957	1	12	Apr. 8, 1957	1957	1	50.3	Apr. 8, 1957	--
NS16	B-7	Meadow Pond	do.	1957	1	13	Apr. 8, 1957	1957	1	51.1	Apr. 8, 1957	--
NS17	B-7	Freeport Creek	do.	1957	1	15	Apr. 8, 1957	1957	1	49.6	Apr. 8, 1957	--
NS18	B-7	Simmonds Creek	Merrick	1953	1	6,300	May 13, 1953	1957	1	49.6	Apr. 8, 1957	--
NS19	B-7	Jackson Creek	Belmore	1957	1	1,600	Apr. 8, 1957	1957	1	51.5	Apr. 8, 1957	--
NS20	B-7	Wanagah Stream	do.	1957	1	15	Apr. 8, 1957	1957	1	48.0	Apr. 8, 1957	--
NS21	C-5	Valley Stream Pond	Valley Stream	1957	1	19	Apr. 8, 1957	1957	1	47.5	Apr. 8, 1957	--
NS22	C-6	Pines Brook	Lakeview	1957	1	7	Apr. 8, 1957	1957	1	51.2	Apr. 8, 1957	--
NS23	C-6	do.	West Hempstead	1957	1	10	Apr. 8, 1957	1957	1	49.6	Apr. 8, 1957	--
NS24	C-6	Horse Brook	Hempstead	1957	1	10	Apr. 8, 1957	1957	1	51.8	Apr. 8, 1957	--
NS25	C-6	do.	do.	1957	1	14	Apr. 8, 1957	1957	1	49.9	Apr. 8, 1957	--
NS26	C-7	East Meadow Brook	Roosevelt	1957	1	18	Apr. 8, 1957	1957	1	51.7	Apr. 8, 1957	--
NS27	C-7	Seaman Pond	Belmore	1957	1	16	Apr. 8, 1957	1957	1	49.5	Apr. 8, 1957	--
NS28	C-7	Wanagah Stream	North Belmore	1957	1	12	Apr. 8, 1957	1957	1	55.1	Apr. 9, 1957	--
NS29	C-8	Massapequa Pond	Massapequa	1957	1	8	Apr. 9, 1957	1957	1	53.6	Apr. 9, 1957	--
NS30	D-5	Lake Success	Lake Success	1957	1	17	Apr. 9, 1957	1957	1	47.9	Apr. 9, 1957	--
NS31	D-6	Roslyn Brook	Roslyn	1937-57	2	14	Apr. 9, 1957	1957	2	46.3	Apr. 9, 1957	--
NS32	E-6	Cedar Swamp Creek	Glen Cove	1937-57	2	10	June 30, 1937	1957	2	45.7	Apr. 9, 1957	--
NS33	E-7	Mill Neck Creek	Mill Neck	1937-57	2	9	Apr. 9, 1957	1957	2	45.9	Apr. 9, 1957	--
NS34	E-7	Beaver Lake	do.	1957	1	19	Apr. 9, 1957	1957	1	44.2	Apr. 9, 1957	--
NS35	E-8	Cold Spring Brook	Cold Spring Harbor	1957	1	10	Apr. 9, 1957	1957	1	46.6	Apr. 9, 1957	--
NS36	E-8	do.	do.	1937-57	2	10	Apr. 9, 1957	1937	5	80	Jan. 11, 1960	
NS37	E-8	Valley Stream	Valley Stream	1957	1	14	Apr. 9, 1957	1957	1	34	Feb. 9, 1951	
NS38	E-8	Pines Brook	Malverne	1957	1	14	Apr. 9, 1957	1957	1	33	Jan. 28, 1954	
NS39	B-5	Pines Brook	do.	1957	1	14	Apr. 9, 1957	1957	1	37	Dec. 27, 1950	
NS40	C-6	Hempstead Pond	do.	1957	1	14	Apr. 9, 1957	1957	1	34	Dec. 28, 1950	
NS41	C-6	Freeport	Freeport	1957	1	14	Apr. 9, 1957	1957	1	39	Feb. 20, 1950	
NS42	C-7	Wanagah Stream	Wanagah	1957	1	14	Apr. 9, 1957	1957	1	33	Dec. 19, 1953	
NS43	C-7	Massapequa Creek	Massapequa	1957	1	14	Apr. 9, 1957	1957	1	35	Jan. 30, 1952	
NS44	D-6	Roslyn Brook	Roslyn	1957	1	14	Apr. 9, 1957	1957	1	35	Dec. 23, 1954	
NS45	D-6	Cedar Swamp Creek	Glen Cove	1957	1	14	Apr. 9, 1957	1957	1	35	Dec. 23, 1954	
NS46	E-6	Mill Neck Creek	Mill Neck	1957	1	14	Apr. 9, 1957	1957	1	35	Dec. 23, 1954	
NS47	E-7	Cold Spring Brook	Cold Spring Harbor	1957	1	14	Apr. 9, 1957	1957	1	35	Dec. 23, 1954	
NS48	E-8	do.	do.	1957	1	14	Apr. 9, 1957	1957	1	35	Dec. 23, 1954	

1/ Includes solitary measurements, and higher of two measurements (NS14).

Table 4.--Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.

[Chloride analyses and temperature measurements by U.S. Geological Survey. Stations shown on plate 1. See table 3 for other data]

Date of collection	Chloride (ppm)	Temperature (°F)
NS1. (B-5.) Motts Creek, at southeasterly end of boat basin branching off from creek, approximately 500 feet in a northeasterly direction from the intersection of Rockaway and Peninsula Bvds., Cedarhurst.		
June 11, 1957	9200	71.5
NS2. (B-5.) Motts Creek, south branch, immediately west of the intersection of Mill Rd. and Peninsula Blvd., Hewlett.		
June 11, 1957	22	72.9
NS3. (B-5.) Motts Creek, south branch, north of the intersection of Rockaway Ave. and Peninsula Blvd., Lynbrook.		
June 11, 1957	17	69.5
NS4. (B-5.) Motts Creek, south branch, south side of culvert underlying Sunrise Highway, immediately east of the intersection with Peninsula Blvd., Lynbrook.		
June 14, 1957	25	59.5
NS5. (B-5.) Watts Creek, north side of Ocean Ave., about 0.9 mile south of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	3,980	49.6
NS6. (B-5.) Watts Creek, south side of Sunrise Highway, Valley Stream.		
Apr. 8, 1957	15	49.4
NS7. (B-5.) Broseware Bay, foot of Woodsburgh Dock, Woodsburgh.		
Aug. 13, 1953	14,600	-
NS8. (B-5.) Rockaway Channel, at channel terminus of Indiana St., near well N3448, Long Beach.		
Sept. 11, 1952	14,700 15,500	- -
NS9. (B-5.) Reynolds Channel, along sea wall, at channel terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	16,000	-

Date of collection	Chloride (ppm)	Temperature (°F)
NS10. (A-5.) Atlantic Ocean, along breakwater 50 feet offshore, at ocean terminus of Laurelton Blvd., Long Beach.		
Aug. 25, 1947	17,000	-
NS11. (B-6.) Mills River, at south side of Atlantic Ave., East Rockaway.		
Apr. 8, 1957	5,430	47.7
NS12. (B-6.) Mills River, north side of S. Park Ave., Rockville Center.		
Apr. 8, 1957	600	49.1
NS13. (B-6.) Smith Pond, northwest corner of pond, Lynbrook.		
Apr. 8, 1957	15	51.0
NS14. (B-7.) Freeport Creek, at south side of Mill Rd., Freeport.		
Apr. 8, 1957	5,430 7,250	48.9 48.4
NS15. (B-7.) Freeport Creek, at south side of Merrick Rd., Freeport.		
Apr. 8, 1957	12	50.4
NS16. (B-7.) Meadow Pond, southwest corner of pond, Freeport.		
Apr. 8, 1957	13	50.3
NS17. (B-7.) Freeport Creek, at north side of Hempstead-Babylon Tpke., Freeport.		
Apr. 8, 1957	15	51.1
NS18. (B-7.) Simmonds Creek, Merrick Town Dock, Merrick.		
May 13, 1953	6,300	-
NS19. (B-7.) Jackson Creek, at south end of Hempstead Lane, Bellmore.		
Apr. 8, 1957	1,600	49.6
NS20. (B-7.) Wantagh Stream, at south end of pond near Merrick Rd., behind spillway, Bellmore.		
Apr. 8, 1957	15	49.6

Date of collection	Chloride (ppm)	Temperature (°F)
NS21. (C-5.) Valley Stream Pond, north end of pond, Valley Stream.		
Apr. 9, 1957	19	51.5
NS22. (C-6.) Pines Brook, north side of Johnson La., Lakeview.		
Apr. 8, 1957	19	48.0
NS23. (C-6.) Pines Brook, about 50 feet west of the western terminus of Henry St., West Hempstead.		
Apr. 8, 1957	7	47.5
NS24. (C-6.) Horse Brook, at north side of Tyler Ave., Hempstead.		
Apr. 8, 1957	10	51.6
NS25. (C-6.) Horse Brook, west of intersection of Jackson St. and Belmont Ave., Hempstead.		
Apr. 8, 1957	10	49.6
NS26. (C-7.) East Meadow Brook, pond adjacent to and west of Meadowbrook State Pkwy., approximately 0.6 mile south of Southern State Pkwy., Roosevelt.		
Apr. 8, 1957	14	51.8
NS27. (C-7.) Seamen Pond, at south end of pond near Park Ave., behind spillway, Bellmore.		
Apr. 8, 1957	16	49.9
NS28. (C-7.) Wantagh Stream, north side of Jerusalem Ave., North Bellmore.		
Apr. 8, 1957	18	51.7
NS29. (C-8.) Massapequa Pond, south end of pond near N.Y. City Dept. of Water Supply, Gas & Electricity pumping station, Massapequa.		
Apr. 8, 1957	12	49.5
NS30. (D-5.) Lake Success, northeast corner of lake, Lake Success.		
Apr. 9, 1957	8	55.1
NS31. (D-6.) Roslyn Brook, pond at head of brook in Roslyn Park, Roslyn.		
Apr. 9, 1957	17	53.6

Table 4.- Chloride concentration and temperature of water from surface-water bodies in or bounding Nassau County, N. Y.--Continued

Date of collection	Chloride (ppm)	Temperature (°F)	Temperature (°F)		
			Month	High	Low
NS32. (E-6.) Cedar Swamp Creek, at east end of culvert passing under municipal parking lot and U.S. Post Office, Glen Cove.					
June 30, 1937	9	-			
Apr. 9, 1957	14	47.9			
NS33. (E-7.) Mill Neck Creek, near intersection of Frost Mill and Beaver Brook Rds., Mill Neck.					
June 30, 1937	10	-			
Apr. 9, 1957	6	46.3			
NS34. (E-7.) Beaver Lake, south side of and behind spillway located at the northwest corner of the lake, Mill Neck.					
Apr. 9, 1957	9	45.7			
NS35. (E-7.) Oyster Bay Cove, foot of Cove Landing Rd., at embayment, Oyster Bay.					
Aug. 21, 1953	11,000	-			
NS36. (E-8.) Cold Spring Brook, near Stillwell Lane, approximately 0.5 mile west of Cold Spring Harbor Rd., Cold Spring Harbor.					
Apr. 9, 1957	19	45.9			
NS37. (E-8.) Cold Spring Brook, approximately 0.8 mile south of Route 25A, Cold Spring Harbor.					
Apr. 9, 1957	10	44.2			
NS38. (E-8.) Cold Spring Brook, pond behind dam located south of N.Y. State Fish Hatchery, Cold Spring Harbor.					
June 30, 1937	5	-			
Apr. 9, 1957	10	46.6			
NS39. (B-5.) Valley Stream, 40 feet upstream from West Valley Stream Blvd., Valley Stream.					
Jan.	42	34	37.5		
Feb.	45	38	39.5		
Mar.	51	39	42		
Apr.	59	39	50.5		
May	64	55	60		
June	78	67	73		
July	80	70	74		
Aug.	79	69	72		
Sept.	77	62	64		
Oct.	71	55	63		
Nov.	56	45	52		
Dec.	44	38	40		
NS40. (C-6.) Pines Brook, 100 feet downstream from Lakeview Ave., Malverne.					
Jan.	50	35	40		
Feb.	57	34	40		
Mar.	53	40	48		
Apr.	67	48	53		
May	68	56	62		
June	78	64	72		
July	82	64	74		
Aug.	79	60	72		
Sept.	77	59	67		
Oct.	68	51	58		
Nov.	57	38	48		
Dec.	48	38	45		
NS41. (C-6.) Hempstead Pond, at tail water end of spillway, south end of pond, north side of Lakeview Ave., Malverne.					
Jan.	40	33	36		
Feb.	37	35	36		
Mar.	50	-	-		
Apr.	62	46	56		
May	70	58	64.5		
June	64	-	-		
July	80	74	77.5		
Aug.	81	75	77.5		
Sept.	72	60	67.5		
Oct.	62	58	60		
Nov.	51	44	45		
Dec.	42	-	-		
NS42. (C-7.) East Meadow Brook, 50 feet upstream from bridge at Hempstead-Babylon Tpke. and 300 feet west of East Meadowbrook Pkwy., Freeport.					
Jan.	46	38	42		
Feb.	48	38	42		
Mar.	50	42	47		
Apr.	58	41	51.5		
May	67	55	59		
June	76	59	66		
July	78	66	71		
Aug.	77	64	70.5		
Sept.	74	62	65		
Oct.	67	33	59.5		
Nov.	57	46	50		
Dec.	51	37	43		
NS43. (C-7.) Wantagh Stream, east side of Wantagh Pkwy. at northwest village boundary, Wantagh.					
Jan.	51	39	45		
Feb.	53	38	45		
Mar.	59	42	47		
Apr.	59	49	55		
May	69	53	60.5		
June	71	58	62		
July	76	61	69.5		
Aug.	72	58	67		
Sept.	75	52	64		
Oct.	68	48	59		
Nov.	60	44	52		
Dec.	55	34	45		
NS44. (C-8.) Massapequa Creek, left bank 350 feet west of intersection of Garfield St. and Lake Shore Dr., Massapequa.					
Jan.	51	41	45		
Feb.	51	39	44		
Mar.	58	41	48.5		
Apr.	72	42	53.5		
May	61	49	56		
June	75	53	60.5		
July	73	60	64		
Aug.	79	58	64		
Sept.	79	54	59		
Oct.	60	50	56		
Nov.	60	42	50		
Dec.	53	41	47.5		
NS45. (D-6.) Roslyn Brook, 200 feet below spillway, Roslyn Park, Roslyn.					
Jan.	49	38	45		
Feb.	43	40	41		
Mar.	48	-	-		
Apr.	59	47	51		
May	65	59	61		
June	67	65	66		
July	70	64	67.5		
Aug.	65	61	63		
Sept.	67	62	64		
Oct.	53	-	-		
Nov.	50	48	49		
Dec.	33	-	-		
NS46. (E-6.) Cedar Swamp Creek, downstream side of highway bridge at culvert draining to pond in Pratt Park, 1 block west of post office, Glen Cove.					
Jan.	48	40	43		
Feb.	52	42	47		
Mar.	55	40	48		
Apr.	59	49	52		
May	67	52	57		
June	74	56	59		
July	68	57	60.5		
Aug.	65	59	60		
Sept.	64	55	59		
Oct.	60	51	56		
Nov.	59	50	53.5		
Dec.	50	35	49.5		
NS47. (E-7.) Mill Neck Creek, at spillway of Beaver Lake, 30 feet south of Feeks La. (Cleff Rd.) Bridge, Mill Neck.					
Jan.	40	32	37.5		
Feb.	44	33	37		
Mar.	56	39	45.5		
Apr.	68	45	55		
May	73	53	64		
June	83	65	75		
July	83	72	78		
Aug.	85	67	76		
Sept.	85	57	66.5		
Oct.	65	46	58.5		
Nov.	54	34	43		
Dec.	47	33	38		
NS48. (E-8.) Cold Spring Brook, left bank 270 feet upstream from State Highway 25A, at Cold Spring Harbor State Fish Hatchery, Cold Spring Harbor.					
Jan.	45	37	40		
Feb.	45	38	41		
Mar.	54	39	45		
Apr.	61	46	53.5		
May	66	48	63		
June	78	59	70		
July	78	68	74		
Aug.	77	61	72		
Sept.	75	58	63		
Oct.	62	48	56		
Nov.	50	40	47.5		
Dec.	47	35	40		

